

SEVERN

TRENT

SERVICES

STL Los Angeles

1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610

Fax: 714 258 0921

www.stl-inc.com

January 11, 2001

STL LOT NUMBER: **E1A030129**
PO/CONTRACT: 05160-SEV002

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 30 samples received under chain of custody by STL Los Angeles on January 2, 2001. These samples are associated with your Boeing former C-6 Torrance Harbor Gateway project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. All applicable quality control procedures meet method-specified acceptance criteria. Any matrix related anomaly is footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,



Diane Suzuki
Project Manager

cc: Project File

This report contains a total of **000231** pages.

000001



SEVERN TRENT LABORATORIES

No. 201963

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION				ANALYSIS / METHOD		REMARKS/PRECAUTIONS	
COMPANY: Kennedy Jenks		PROJECT NAME/NUMBER: 004032.01				METS GOLD			
SEND REPORT TO: Jay Knight		BILLING INFORMATION				TRK GOLD			
ADDRESS: 2511 Michelson Dr. Ste 100		BILL TO:				Vols Gold			
Irvine, Ca 92612		ADDRESS:				REQUEST			
PHONE: 949-261-1577		PHONE:							
FAX:		FAX:							
		PO NO.:							
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD	REMARKS/PRECAUTIONS
J-2-S		1-2-01	9:00	Soil	ACETATE LINER	ICE	1	X	
11-10			9:10					X	
11-15			9:15					X	
J-10-S			9:31					X	
11-10			9:35					X	
11-15			9:45					X	
L-5-S			10:00					X	
-10			10:10					X	
-15			10:15					X	
-20		1-2-01	10:30	Soil	ACETATE LINER	ICE	1	X	
SAMPLER: Tim		SHIPMENT METHOD:							
REQUIRED TURNAROUND* <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER		AIRBILL NO.:							
1. RELINQUISHED BY: Tim Jenks		DATE: 1/2/01		SIGNATURE: [Signature]		DATE: 1-2-01		3. RELINQUISHED BY: SIGNATURE:	
PRINTED NAME/COMPANY: Kennedy Jenks		TIME: 4:00		PRINTED NAME/COMPANY: STZ		TIME: 17:00		PRINTED NAME/COMPANY:	
1. RECEIVED BY: [Signature]		DATE: 1-2-01		SIGNATURE: [Signature]		DATE: 01/02/01		3. RECEIVED BY: SIGNATURE:	
PRINTED NAME/COMPANY: STZ		TIME: 16:25		PRINTED NAME/COMPANY: Dub Bui-Sor		TIME: 17:00		PRINTED NAME/COMPANY:	

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana, CA 92705

Phone: (714) 258-8610 / Fax: (714) 258-0921

* PUSH TURNAROUND MAY REQUIRE SURCHARGE

000002

**SEVERN TRENT
LABORATORIES, INC.
STANDARD TERMS
AND CONDITIONS**

ACCEPTANCE. Severn Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

INSURANCE. STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

INDEPENDENT CONTRACTOR. STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

SUBCONTRACTING. STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

BILLING. All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

PAYMENT. Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

MODIFICATIONS. If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

TIME OF PERFORMANCE. STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

RETENTION OF SAMPLES. All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customer's request for an additional fee.

RETENTION OF REPORTS. STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customer's expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

APPLICABLE LAW. The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

DRAFT — REVISION 1/27/99



SEVERN TRENT LABORATORIES

No. 201964

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION				ANALYSIS / METHOD		NUMBER OF CONTAINERS		REMARKS/PRECAUTIONS	
COMPANY:	Kennedy Trucks	PROJECT NAME/NUMBER:	004032.01			Vec's @ 100 METS 1010 TRAF 425		LAB JOB NO.			
SEND REPORT TO:	Jay Knight	BILLING INFORMATION									
ADDRESS:	2151 Michelson Dr. Ste 100	BILL TO:				Vec's @ 100 METS 1010 TRAF 425		LAB JOB NO.			
	IRVINE, CA 92617	ADDRESS:									
PHONE:	949-261-1577	PHONE:				Vec's @ 100 METS 1010 TRAF 425		LAB JOB NO.			
FAX:		FAX:									
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.					
	L-S-30	1/2/01	11:00	Soil	15000	ICE	/	X	X	X	
	M-S-5		12:00				/	X			
	-10		12:10				/				
	-15		12:15				/				
	-20		12:20				/				
	-30		12:35				/	X			
	P-S-5		12:55				/				
	-10		1:00				/				
	-15		1:10				/				
	-20		1:16	Soil	15000	ICE	/	X			
SAMPLER:	Tina										
SHIPMENT METHOD: <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER											
REQUIRED TURNAROUND* <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS		DATE		DATE		DATE		DATE		DATE	
1. RELINQUISHED BY: Tina Dork		SIGNATURE: [Signature]		DATE: 1/2/01		3. RELINQUISHED BY: [Signature]		DATE: 01/02/01		DATE	
PRINTED NAME/COMPANY: [Signature]		TIME: 4:00		PRINTED NAME/COMPANY: STL		TIME: 1:00		PRINTED NAME/COMPANY:		TIME	
1. RECEIVED BY: [Signature]		DATE: 1-2-01		SIGNATURE: [Signature]		DATE: 01/02/01		3. RECEIVED BY: [Signature]		DATE	
PRINTED NAME/COMPANY: [Signature]		TIME: 1:05		PRINTED NAME/COMPANY: STL		TIME: 17:00		PRINTED NAME/COMPANY:		TIME	

000003

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

**SEVERN TRENT
LABORATORIES, INC.
STANDARD TERMS
AND CONDITIONS**

ACCEPTANCE. Severn Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

INSURANCE. STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

INDEPENDENT CONTRACTOR. STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

SUBCONTRACTING. STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

BILLING. All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

PAYMENT. Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainer of fees by the customer is allowed without the consent of STL.

MODIFICATIONS. If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

TIME OF PERFORMANCE. STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

RETENTION OF SAMPLES. All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customer's request for an additional fee.

RETENTION OF REPORTS. STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customer's expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

APPLICABLE LAW. The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

DRAFT — REVISION 1/27/99



SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201961

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION				ANALYSIS / METHOD REQUEST		NUMBER OF CONTAINERS		REMARKS/PRECAUTIONS	
COMPANY:	Kemcoy Trucks	PROJECT NAME/NUMBER:	004032.01			VOC GC/MS Metals GC/MS T-PM 4/10 5/10/01					
SEND REPORT TO:	Jay Knight	BILLING INFORMATION									
ADDRESS:	2151 Michelson Dr Ste 100 Irvine, Ca 92612	BILL TO:								LAB JOB NO.	
PHONE:	949-261-1577	ADDRESS:									
FAX:		PHONE:									
		FAX:									
		PO NO.:									
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.					
N-4-5	" -10	1/2/01	2100	Soil	ACCORDING TO	ICE	X	X	X		
" -15	" -15		2110				X	X	X		
" -20	" -20		2115				X	X	X		
" -30	" -30		2125				X	X	X		
P-20-1-5	" -30		2140				X	X	X		
	-10				Soil	ACCORDING TO	X	X	X		
	-15				W	VDA	X	X	X		
TR					Soil	ACCORDING TO	X	X	X		
Rinsate		1/2/01			Soil	ACCORDING TO	X	X	X		
SAMPLER:	T. Doyle										
SHIPMENT METHOD: <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER											
REQUIRED TURNAROUND* <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS											
1. RELINQUISHED BY:		DATE		SIGNATURE:		DATE		SIGNATURE:		DATE	
T. Doyle		1/2/01		[Signature]		1/2/01		[Signature]		1/2/01	
PRINTED NAME/COMPANY:		TIME		PRINTED NAME/COMPANY:		TIME		PRINTED NAME/COMPANY:		TIME	
T. Doyle		4:00		JA		1701		[Signature]		[Signature]	
1. RECEIVED BY:		DATE		SIGNATURE:		DATE		SIGNATURE:		DATE	
[Signature]		1/2/01		[Signature]		01/02/01		[Signature]		[Signature]	
PRINTED NAME/COMPANY:		TIME		PRINTED NAME/COMPANY:		TIME		PRINTED NAME/COMPANY:		TIME	
ST		1825		Trent Laboratories		1700		Trent Laboratories		[Signature]	

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

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LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

RETENTION OF SAMPLES. All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customer's request for an additional fee.

RETENTION OF REPORTS. STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customer's expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

APPLICABLE LAW. The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

DRAFT — REVISION 1/27/99

STL Los Angeles
Condition Upon Receipt Anomaly Report (CUR)



Client: KENNEDY JENKS Date/Time 01-03-01 11:00
 Lot No: E1A 030 129 Initiated by: AJ

Affected samples		Chain of Custody #
Client ID	Lab ID	Analyses Requested
<u>P-5-30 1/2/01 AT 03:31</u>		

CONDITION/ANOMALY/VARIANCE (CHECK ALL THAT APPLY):

<ul style="list-style-type: none"> ● COOLERS <ul style="list-style-type: none"> <input type="checkbox"/> Not Received, No (COC) <input type="checkbox"/> Not Received but COC (s) Available <input type="checkbox"/> Leaking <input type="checkbox"/> Other: _____ 	<ul style="list-style-type: none"> ● CUSTODY SEALS (COOLER(S)/CONTAINER(S)) <ul style="list-style-type: none"> <input type="checkbox"/> None <input type="checkbox"/> Not Intact <input type="checkbox"/> Other _____
<ul style="list-style-type: none"> ● TEMPERATURE (SPECS 4 ± 2°C) <ul style="list-style-type: none"> <input type="checkbox"/> Cooler Temp(s) _____ <input type="checkbox"/> Temperature Blank(s) _____ 	<ul style="list-style-type: none"> ● CHAIN OF CUSTODY (COC) <ul style="list-style-type: none"> <input type="checkbox"/> Not relinquished by Client; No date/time relinquished <input type="checkbox"/> Incomplete information provided <input type="checkbox"/> Other _____
<ul style="list-style-type: none"> ● CONTAINERS <ul style="list-style-type: none"> <input type="checkbox"/> Leaking <input type="checkbox"/> Broken <input type="checkbox"/> Extra <input type="checkbox"/> Without Labels <input type="checkbox"/> VOA Vials with Headspace _____ mm <input type="checkbox"/> Other: _____ 	<ul style="list-style-type: none"> ● CONTAINERS LABELS <ul style="list-style-type: none"> <input type="checkbox"/> Not the same ID/info as in COC <input type="checkbox"/> Incomplete Information <ul style="list-style-type: none"> <input type="checkbox"/> Preservative <input type="checkbox"/> Collection _____ Time _____ Date <input type="checkbox"/> Markings/Info illegible <input type="checkbox"/> Torn <input type="checkbox"/> Other _____
<ul style="list-style-type: none"> ● SAMPLES <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Samples NOT RECEIVED but listed on COC <input type="checkbox"/> Samples received but NOT LISTED on COC <input type="checkbox"/> Logged based on Label Information <input type="checkbox"/> Logged based on info from other samples on COC <input type="checkbox"/> Logged according to Work Plan <input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE <input type="checkbox"/> Other _____ 	<ul style="list-style-type: none"> <input type="checkbox"/> Will be noted on COC—Client to send samples with new COC <input type="checkbox"/> Mislabeled as to tests, preservatives, etc. <input type="checkbox"/> Holding time expired <input type="checkbox"/> Improper container used <input type="checkbox"/> Not preserved/Improper preservative used <input type="checkbox"/> Improper pH _____ Lab to preserve sample and document <input type="checkbox"/> Insufficient quantities for analysis

Comments _____

Corrective Action Implemented:
 Client Informed: verbally on _____ By: _____ In writing on _____ By: _____
 Sample(s) processed "as is." _____
 Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: _____ Date: _____
 Project Management Review: _____ Date: _____

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

000006

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
J_2_5 01/02/01 09:00 001				
Aluminum	15100	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Antimony	0.30 B	6.0	mg/kg	SW846 6010B
Barium	174	2.0	mg/kg	SW846 6010B
Cadmium	0.54	0.50	mg/kg	SW846 6010B
Chromium	19.6	1.0	mg/kg	SW846 6010B
Beryllium	0.54	0.50	mg/kg	SW846 6010B
Lead	6.2	0.50	mg/kg	SW846 6010B
Cobalt	19.6	5.0	mg/kg	SW846 6010B
Copper	15.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	15.0	4.0	mg/kg	SW846 6010B
Thallium	1.4	1.0	mg/kg	SW846 6010B
Vanadium	47.7	5.0	mg/kg	SW846 6010B
Zinc	39.3	2.0	mg/kg	SW846 6010B
J_2_10 01/02/01 09:10 002				
Aluminum	23300	20.0	mg/kg	SW846 6010B
Arsenic	3.9	1.0	mg/kg	SW846 6010B
Antimony	0.59 B	6.0	mg/kg	SW846 6010B
Barium	149	2.0	mg/kg	SW846 6010B
Cadmium	0.34 B	0.50	mg/kg	SW846 6010B
Chromium	24.8	1.0	mg/kg	SW846 6010B
Beryllium	0.68	0.50	mg/kg	SW846 6010B
Lead	4.9	0.50	mg/kg	SW846 6010B
Cobalt	14.2	5.0	mg/kg	SW846 6010B
Copper	23.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	28.0	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	55.3	5.0	mg/kg	SW846 6010B
Zinc	64.1	2.0	mg/kg	SW846 6010B
J_2_15 01/02/01 09:15 003				
Mercury	0.047 B	0.10	mg/kg	SW846 7471A
Aluminum	26300	20.0	mg/kg	SW846 6010B
Arsenic	4.3	1.0	mg/kg	SW846 6010B
Barium	162	2.0	mg/kg	SW846 6010B
Cadmium	0.43 B	0.50	mg/kg	SW846 6010B
Chromium	31.2	1.0	mg/kg	SW846 6010B
Beryllium	0.74	0.50	mg/kg	SW846 6010B

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000007

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
J_2_15 01/02/01 09:15 003				
Lead	5.2	0.50	mg/kg	SW846 6010B
Cobalt	12.1	5.0	mg/kg	SW846 6010B
Copper	30.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B
Nickel	21.8	4.0	mg/kg	SW846 6010B
Vanadium	60.2	5.0	mg/kg	SW846 6010B
Zinc	74.8	2.0	mg/kg	SW846 6010B

J_6_5 01/02/01 09:31 004				
C20-C23	11	10	mg/kg	SW846 8015B
C24-C27	14	10	mg/kg	SW846 8015B
C28-C31	10	10	mg/kg	SW846 8015B
C32-C35	11	10	mg/kg	SW846 8015B
C36-C39	7.6 J	10	mg/kg	SW846 8015B
C40+	10	10	mg/kg	SW846 8015B
Total Carbon Chain Range	76	10	mg/kg	SW846 8015B
Mercury	0.048 B	0.10	mg/kg	SW846 7471A
Aluminum	21000	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Barium	131	2.0	mg/kg	SW846 6010B
Cadmium	0.29 B	0.50	mg/kg	SW846 6010B
Chromium	23.3	1.0	mg/kg	SW846 6010B
Beryllium	0.63	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	9.9	5.0	mg/kg	SW846 6010B
Copper	20.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	16.0	4.0	mg/kg	SW846 6010B
Thallium	0.78 B	1.0	mg/kg	SW846 6010B
Vanadium	49.3	5.0	mg/kg	SW846 6010B
Zinc	53.0	2.0	mg/kg	SW846 6010B
Trichloroethene	3.7 J	5.0	ug/kg	SW846 8260B

J_6_10 01/02/01 09:35 005				
Mercury	0.025 B	0.10	mg/kg	SW846 7471A
Aluminum	23100	20.0	mg/kg	SW846 6010B
Arsenic	3.5	1.0	mg/kg	SW846 6010B
Antimony	0.52 B	6.0	mg/kg	SW846 6010B
Barium	127	2.0	mg/kg	SW846 6010B
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B
Chromium	24.1	1.0	mg/kg	SW846 6010B

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000008

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
J_6_10 01/02/01 09:35 005				
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	4.6	0.50	mg/kg	SW846 6010B
Cobalt	14.1	5.0	mg/kg	SW846 6010B
Copper	22.9	2.5	mg/kg	SW846 6010B
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B
Nickel	22.1	4.0	mg/kg	SW846 6010B
Thallium	0.92 B	1.0	mg/kg	SW846 6010B
Vanadium	51.9	5.0	mg/kg	SW846 6010B
Zinc	66.5	2.0	mg/kg	SW846 6010B
J_6_15 01/02/01 09:45 006				
Mercury	0.054 B	0.10	mg/kg	SW846 7471A
Aluminum	27300	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Antimony	0.65 B	6.0	mg/kg	SW846 6010B
Barium	177	2.0	mg/kg	SW846 6010B
Cadmium	0.56	0.50	mg/kg	SW846 6010B
Chromium	37.3	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.3	0.50	mg/kg	SW846 6010B
Cobalt	14.0	5.0	mg/kg	SW846 6010B
Copper	36.6	2.5	mg/kg	SW846 6010B
Molybdenum	2.2 B	4.0	mg/kg	SW846 6010B
Nickel	28.3	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	63.4	5.0	mg/kg	SW846 6010B
Zinc	77.4	2.0	mg/kg	SW846 6010B
1_5_5 01/02/01 10:00 007				
Total Carbon Chain Range	8.0 J	10	mg/kg	SW846 8015B
Mercury	0.033 B	0.10	mg/kg	SW846 7471A
Aluminum	20000	20.0	mg/kg	SW846 6010B
Arsenic	3.3	1.0	mg/kg	SW846 6010B
Barium	135	2.0	mg/kg	SW846 6010B
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B
Chromium	22.7	1.0	mg/kg	SW846 6010B
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	19.9	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	18.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B

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000009

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_5_5 01/02/01 10:00 007				
Nickel	15.5	4.0	mg/kg	SW846 6010B
Vanadium	47.6	5.0	mg/kg	SW846 6010B
Zinc	48.3	2.0	mg/kg	SW846 6010B
Trichloroethene	2.4 J	5.0	ug/kg	SW846 8260B
1_5_10 01/02/01 10:10 008				
Total Carbon Chain Range	8.9 J	10	mg/kg	SW846 8015B
Mercury	0.030 B	0.10	mg/kg	SW846 7471A
Aluminum	24100	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Barium	193	2.0	mg/kg	SW846 6010B
Cadmium	0.36 B	0.50	mg/kg	SW846 6010B
Chromium	25.3	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	4.9	0.50	mg/kg	SW846 6010B
Cobalt	9.6	5.0	mg/kg	SW846 6010B
Copper	17.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B
Nickel	20.3	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	53.0	5.0	mg/kg	SW846 6010B
Zinc	60.4	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	23	5.0	ug/kg	SW846 8260B
Trichloroethene	19	5.0	ug/kg	SW846 8260B
1_5_15 01/02/01 10:15 009				
Mercury	0.043 B	0.10	mg/kg	SW846 7471A
Aluminum	30000	20.0	mg/kg	SW846 6010B
Arsenic	6.1	1.0	mg/kg	SW846 6010B
Barium	181	2.0	mg/kg	SW846 6010B
Cadmium	0.72	0.50	mg/kg	SW846 6010B
Chromium	38.9	1.0	mg/kg	SW846 6010B
Beryllium	0.90	0.50	mg/kg	SW846 6010B
Lead	7.3	0.50	mg/kg	SW846 6010B
Cobalt	16.7	5.0	mg/kg	SW846 6010B
Copper	41.1	2.5	mg/kg	SW846 6010B
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B
Nickel	32.7	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	76.7	5.0	mg/kg	SW846 6010B
Zinc	86.6	2.0	mg/kg	SW846 6010B

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000010

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1_5_15 01/02/01 10:15 009				
Trichloroethene	7.3	5.0	ug/kg	SW846 8260B
1_5_20 01/02/01 10:30 010				
Mercury	0.045 B	0.10	mg/kg	SW846 7471A
Aluminum	19900	20.0	mg/kg	SW846 6010B
Arsenic	3.9	1.0	mg/kg	SW846 6010B
Antimony	0.41 B	6.0	mg/kg	SW846 6010B
Barium	173	2.0	mg/kg	SW846 6010B
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B
Chromium	23.3	1.0	mg/kg	SW846 6010B
Beryllium	0.59	0.50	mg/kg	SW846 6010B
Lead	4.4	0.50	mg/kg	SW846 6010B
Cobalt	11.1	5.0	mg/kg	SW846 6010B
Copper	24.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	17.2	4.0	mg/kg	SW846 6010B
Thallium	1.3	1.0	mg/kg	SW846 6010B
Vanadium	53.8	5.0	mg/kg	SW846 6010B
Zinc	73.4	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	2.7 J	5.0	ug/kg	SW846 8260B
Trichloroethene	7.5	5.0	ug/kg	SW846 8260B
L_5_30 01/02/01 11:00 011				
Mercury	0.081 B	0.10	mg/kg	SW846 7471A
Aluminum	29400	20.0	mg/kg	SW846 6010B
Arsenic	7.0	1.0	mg/kg	SW846 6010B
Barium	226	2.0	mg/kg	SW846 6010B
Cadmium	1.8	0.50	mg/kg	SW846 6010B
Chromium	40.8	1.0	mg/kg	SW846 6010B
Beryllium	0.93	0.50	mg/kg	SW846 6010B
Lead	8.6	0.50	mg/kg	SW846 6010B
Cobalt	16.7	5.0	mg/kg	SW846 6010B
Copper	45.0	2.5	mg/kg	SW846 6010B
Molybdenum	3.1 B	4.0	mg/kg	SW846 6010B
Nickel	35.8	4.0	mg/kg	SW846 6010B
Thallium	1.7	1.0	mg/kg	SW846 6010B
Vanadium	75.4	5.0	mg/kg	SW846 6010B
Zinc	97.9	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	21	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	1.4 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	1.7 J	5.0	ug/kg	SW846 8260B

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000011

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
L_5_30 01/02/01 11:00 011				
Trichloroethene	59	5.0	ug/kg	SW846 8260B
M_5_10 01/02/01 12:10 013				
Trichloroethene	7.2	5.0	ug/kg	SW846 8260B
M_5_15 01/02/01 12:15 014				
Trichloroethene	2.8 J	5.0	ug/kg	SW846 8260B
M_5_20 01/02/01 12:20 015				
1,1-Dichloroethene	3.8 J	5.0	ug/kg	SW846 8260B
Trichloroethene	14	5.0	ug/kg	SW846 8260B
M_5_30 01/02/01 12:35 016				
1,1-Dichloroethene	6.5	5.0	ug/kg	SW846 8260B
Trichloroethene	28	5.0	ug/kg	SW846 8260B
P_5_5 01/02/01 12:55 017				
Trichloroethene	2.7 J	5.0	ug/kg	SW846 8260B
P_5_10 01/02/01 13:00 018				
Trichloroethene	3.5 J	5.0	ug/kg	SW846 8260B
P_5_20 01/02/01 13:16 020				
1,1-Dichloroethene	3.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	13	5.0	ug/kg	SW846 8260B
N_4_5 01/02/01 14:00 021				
Aluminum	12000	20.0	mg/kg	SW846 6010B
Arsenic	2.2	1.0	mg/kg	SW846 6010B
Antimony	0.26 B	6.0	mg/kg	SW846 6010B
Barium	95.3	2.0	mg/kg	SW846 6010B
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B
Chromium	16.9	1.0	mg/kg	SW846 6010B
Beryllium	0.44 B	0.50	mg/kg	SW846 6010B
Lead	4.2	0.50	mg/kg	SW846 6010B

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000012

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
N_4_5 01/02/01 14:00 021				
Cobalt	8.4	5.0	mg/kg	SW846 6010B
Copper	13.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.93 B	4.0	mg/kg	SW846 6010B
Nickel	9.7	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	34.2	5.0	mg/kg	SW846 6010B
Zinc	30.2	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	6.0	5.0	ug/kg	SW846 8260B
Trichloroethene	68	5.0	ug/kg	SW846 8260B
N_4_10 01/02/01 14:10 022				
Mercury	0.045 B	0.10	mg/kg	SW846 7471A
Aluminum	25100	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Antimony	0.38 B	6.0	mg/kg	SW846 6010B
Barium	173	2.0	mg/kg	SW846 6010B
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B
Chromium	26.3	1.0	mg/kg	SW846 6010B
Beryllium	0.69	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	12.7	5.0	mg/kg	SW846 6010B
Copper	19.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	19.5	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	58.7	5.0	mg/kg	SW846 6010B
Zinc	61.9	2.0	mg/kg	SW846 6010B
Trichloroethene	2.2 J	5.0	ug/kg	SW846 8260B
N_4_15 01/02/01 14:15 023				
Mercury	0.051 B	0.10	mg/kg	SW846 7471A
Aluminum	28700	20.0	mg/kg	SW846 6010B
Arsenic	5.6	1.0	mg/kg	SW846 6010B
Antimony	0.84 B	6.0	mg/kg	SW846 6010B
Barium	197	2.0	mg/kg	SW846 6010B
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B
Chromium	36.0	1.0	mg/kg	SW846 6010B
Beryllium	0.87	0.50	mg/kg	SW846 6010B
Lead	7.2	0.50	mg/kg	SW846 6010B
Cobalt	15.8	5.0	mg/kg	SW846 6010B
Copper	36.8	2.5	mg/kg	SW846 6010B

(Continued on next page)

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EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
N_4_15 01/02/01 14:15 023				
Molybdenum	2.1 B	4.0	mg/kg	SW846 6010B
Nickel	30.2	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	70.7	5.0	mg/kg	SW846 6010B
Zinc	83.2	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	6.4	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	2.6 J	5.0	ug/kg	SW846 8260B
Trichloroethene	33	5.0	ug/kg	SW846 8260B
N_4_20 01/02/01 14:25 024				
C6-C8	0.12 J	1.0	mg/kg	SW846 8015B
Mercury	0.14	0.10	mg/kg	SW846 7471A
Aluminum	25900	20.0	mg/kg	SW846 6010B
Arsenic	4.9	1.0	mg/kg	SW846 6010B
Antimony	0.41 B	6.0	mg/kg	SW846 6010B
Barium	187	2.0	mg/kg	SW846 6010B
Cadmium	0.61	0.50	mg/kg	SW846 6010B
Chromium	29.9	1.0	mg/kg	SW846 6010B
Beryllium	0.81	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	13.4	5.0	mg/kg	SW846 6010B
Copper	32.0	2.5	mg/kg	SW846 6010B
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B
Nickel	22.3	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	61.5	5.0	mg/kg	SW846 6010B
Zinc	86.5	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	4.7 J	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	2.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	29	5.0	ug/kg	SW846 8260B
N_4_30 01/02/01 14:40 025				
C6-C8	0.13 J	1.0	mg/kg	SW846 8015B
Mercury	0.043 B	0.10	mg/kg	SW846 7471A
Aluminum	28100	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.75 B	6.0	mg/kg	SW846 6010B
Barium	201	2.0	mg/kg	SW846 6010B
Cadmium	0.78	0.50	mg/kg	SW846 6010B
Chromium	32.3	1.0	mg/kg	SW846 6010B
Beryllium	0.91	0.50	mg/kg	SW846 6010B

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000014

EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
N_4_30 01/02/01 14:40 025				
Lead	6.4	0.50	mg/kg	SW846 6010B
Cobalt	14.2	5.0	mg/kg	SW846 6010B
Copper	33.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B
Nickel	23.3	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	61.6	5.0	mg/kg	SW846 6010B
Zinc	91.4	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	22	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	9.4	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	2.6 J	5.0	ug/kg	SW846 8260B
Chloroform	1.4 J	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	5.4	5.0	ug/kg	SW846 8260B
Trichloroethene	92	5.0	ug/kg	SW846 8260B

P_20_1_5 01/02/01 026

Aluminum	13100	20.0	mg/kg	SW846 6010B
Arsenic	2.5	1.0	mg/kg	SW846 6010B
Antimony	0.44 B	6.0	mg/kg	SW846 6010B
Barium	105	2.0	mg/kg	SW846 6010B
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B
Chromium	18.0	1.0	mg/kg	SW846 6010B
Beryllium	0.47 B	0.50	mg/kg	SW846 6010B
Lead	4.4	0.50	mg/kg	SW846 6010B
Selenium	0.44 B	0.50	mg/kg	SW846 6010B
Cobalt	9.7	5.0	mg/kg	SW846 6010B
Copper	15.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.93 B	4.0	mg/kg	SW846 6010B
Nickel	11.3	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	36.4	5.0	mg/kg	SW846 6010B
Zinc	34.1	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	3.0 J	5.0	ug/kg	SW846 8260B
Trichloroethene	28	5.0	ug/kg	SW846 8260B
Tetrachloroethene	8.6	5.0	ug/kg	SW846 8260B

P_20_1_10 01/02/01 027

Mercury	0.035 B	0.10	mg/kg	SW846 7471A
Aluminum	29300	20.0	mg/kg	SW846 6010B
Arsenic	5.2	1.0	mg/kg	SW846 6010B
Antimony	0.51 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

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EXECUTIVE SUMMARY - Detection Highlights

E1A030129

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
P_20_1_10 01/02/01 027				
Barium	136	2.0	mg/kg	SW846 6010B
Cadmium	0.50	0.50	mg/kg	SW846 6010B
Chromium	35.2	1.0	mg/kg	SW846 6010B
Beryllium	0.88	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	14.2	5.0	mg/kg	SW846 6010B
Copper	31.5	2.5	mg/kg	SW846 6010B
Molybdenum	2.0 B	4.0	mg/kg	SW846 6010B
Nickel	26.0	4.0	mg/kg	SW846 6010B
Thallium	1.8	1.0	mg/kg	SW846 6010B
Vanadium	68.7	5.0	mg/kg	SW846 6010B
Zinc	81.0	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	5.0	5.0	ug/kg	SW846 8260B
Trichloroethene	10	5.0	ug/kg	SW846 8260B
P_20_1_15 01/02/01 028				
Mercury	0.059 B	0.10	mg/kg	SW846 7471A
Aluminum	23300	20.0	mg/kg	SW846 6010B
Arsenic	4.8	1.0	mg/kg	SW846 6010B
Antimony	0.68 B	6.0	mg/kg	SW846 6010B
Barium	145	2.0	mg/kg	SW846 6010B
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B
Chromium	28.1	1.0	mg/kg	SW846 6010B
Beryllium	0.73	0.50	mg/kg	SW846 6010B
Lead	5.7	0.50	mg/kg	SW846 6010B
Cobalt	13.9	5.0	mg/kg	SW846 6010B
Copper	28.0	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	23.1	4.0	mg/kg	SW846 6010B
Thallium	0.89 B	1.0	mg/kg	SW846 6010B
Vanadium	55.9	5.0	mg/kg	SW846 6010B
Zinc	69.8	2.0	mg/kg	SW846 6010B
Trichloroethene	2.2 J	5.0	ug/kg	SW846 8260B
RINSATE 01/02/01 030				
Acetone	3.3 J	10	ug/L	SW846 8260B

000016

METHODS SUMMARY

E1A030129

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

000017

SAMPLE SUMMARY

E1A030129

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DR63Q	001	J_2_5	01/02/01	09:00
DR63X	002	J_2_10	01/02/01	09:10
DR631	003	J_2_15	01/02/01	09:15
DR633	004	J_6_5	01/02/01	09:31
DR634	005	J_6_10	01/02/01	09:35
DR635	006	J_6_15	01/02/01	09:45
DR636	007	l_5_5	01/02/01	10:00
DR638	008	l_5_10	01/02/01	10:10
DR639	009	l_5_15	01/02/01	10:15
DR64A	010	l_5_20	01/02/01	10:30
DR64C	011	L_5_30	01/02/01	11:00
DR64E	012	M_5_5	01/02/01	12:00
DR64F	013	M_5_10	01/02/01	12:10
DR64G	014	M_5_15	01/02/01	12:15
DR64H	015	M_5_20	01/02/01	12:20
DR64K	016	M_5_30	01/02/01	12:35
DR64L	017	P_5_5	01/02/01	12:55
DR64M	018	P_5_10	01/02/01	13:00
DR64N	019	P_5_15	01/02/01	13:10
DR64P	020	P_5_20	01/02/01	13:16
DR64Q	021	N_4_5	01/02/01	14:00
DR64R	022	N_4_10	01/02/01	14:10
DR64T	023	N_4_15	01/02/01	14:15
DR645	024	N_4_20	01/02/01	14:25
DR646	025	N_4_30	01/02/01	14:40
DR648	026	P_20_1_5	01/02/01	
DR65A	027	P_20_1_10	01/02/01	
DR65C	028	P_20_1_15	01/02/01	
DR65Q	029	TB	01/02/01	
DR65V	030	RINSATE	01/02/01	

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

000018

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

GC Semivolatiles

Lot-Sample #...: E1A030129-001 Work Order #...: DR63Q1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 10:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	94	(60 - 130)

000019

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

GC Volatiles

Lot-Sample #...: E1A030129-001 Work Order #...: DR63Q1AD Matrix.....: SOLID
Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 05:30
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)	86	(60 - 130)		

000020

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-001 Work Order #...: DR63Q1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005155
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1005353 Analysis Time...: 22:16
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000021

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-001 Work Order #...: DR63Q1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	103	(60 - 140)
Toluene-d8	104	(70 - 130)

000022

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

GC Semivolatiles

Lot-Sample #...: E1A030129-002 Work Order #...: DR63X1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 12:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	95	(60 - 130)

000023

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

GC Volatiles

Lot-Sample #...: E1A030129-002 Work Order #...: DR63X1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 05:58
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)	84	(60 - 130)		

000024

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-002 Work Order #...: DR63X1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1005155
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005353 Analysis Time...: 06:25
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000025

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-002 Work Order #...: DR63X1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	131	(60 - 140)
Toluene-d8	101	(70 - 130)

000026

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_15

GC Semivolatiles

Lot-Sample #...: E1A030129-003 Work Order #...: DR6311AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 12:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	82	(60 - 130)

000027

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_15

GC Volatiles

Lot-Sample #...: E1A030129-003 Work Order #...: DR6311AE Matrix.....: SOLID
Date Sampled...: 01/02/01 09:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 06:27
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)

000028

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-003 Work Order #...: DR6311AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	104	(70 - 130)
1,2-Dichloroethane-d4	137	(60 - 140)
Toluene-d8	103	(70 - 130)

000030

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

GC Semivolatiles

Lot-Sample #...: E1A030129-004 Work Order #...: DR6331AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:31 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #...: 1004471 Analysis Time...: 07:33
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	11	10	mg/kg	5.0
C24-C27	14	10	mg/kg	5.0
C28-C31	10	10	mg/kg	5.0
C32-C35	11	10	mg/kg	5.0
C36-C39	7.6 J	10	mg/kg	5.0
C40+	10	10	mg/kg	5.0
Total Carbon Chain Range	76	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	121	(60 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000031

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

GC Volatiles

Lot-Sample #...: E1A030129-004 Work Order #...: DR6331AE Matrix.....: SOLID
Date Sampled...: 01/02/01 09:31 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 07:52
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)		

000032

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-004 Work Order #...: DR6331AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:31 Date Received...: 01/02/01 17:00 MS Run #.....: 1005155
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005353 Analysis Time...: 07:30
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	3.7 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000033

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-004 Work Order #...: DR6331AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	104	(70 - 130)		
1,2-Dichloroethane-d4	140	(60 - 140)		
Toluene-d8	103	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000034

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

GC Semivolatiles

Lot-Sample #...: E1A030129-005 Work Order #...: DR6341AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:35 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 14:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	88	(60 - 130)

000035

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

GC Volatiles

Lot-Sample #...: E1A030129-005 Work Order #...: DR6341AE Matrix.....: SOLID
Date Sampled...: 01/02/01 09:35 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 08:21
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	83	(60 - 130)

000036

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

GC/MS Volatiles

Lot-Sample #....: E1A030129-005 Work Order #....: DR6341AC Matrix.....: SOLID
 Date Sampled....: 01/02/01 09:35 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #....: 1008202 Analysis Time...: 11:17
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000037

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

GC/MS Volatiles

Lot-Sample #....: E1A030129-005 Work Order #....: DR6341AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	101	(70 - 130)		
1,2-Dichloroethane-d4	88	(60 - 140)		
Toluene-d8	94	(70 - 130)		

000038

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

GC Semivolatiles

Lot-Sample #...: E1A030129-006 Work Order #...: DR6351AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:45 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 14:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	94	(60 - 130)

000039

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

GC Volatiles

Lot-Sample #...: E1A030129-006 Work Order #...: DR6351AE Matrix.....: SOLID
Date Sampled...: 01/02/01 09:45 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 08:49
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)

000040

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-006 Work Order #...: DR6351AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 09:45 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 11:48
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000041

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-006 Work Order #...: DR6351AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	90	(70 - 130)

000042

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

GC Semivolatiles

Lot-Sample #...: E1A030129-007 Work Order #...: DR6361AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 16:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	8.0 J	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	96	(60 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000043

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

GC Volatiles

Lot-Sample #....: E1A030129-007 Work Order #....: DR6361AE Matrix.....: SOLID
Date Sampled....: 01/02/01 10:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #....: 1005337 Analysis Time...: 09:18
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	78	(60 - 130)		

000044

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-007 Work Order #...: DR6361AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 12:19
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.4 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000045

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-007 Work Order #...: DR6361AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	96	(70 - 130)		
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	90	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000046

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

GC Semivolatiles

Lot-Sample #...: E1A030129-008 Work Order #...: DR6381AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 17:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	8.9 J	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	95	(60 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000047

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

GC Volatiles

Lot-Sample #...: E1A030129-008 Work Order #...: DR6381AE Matrix.....: SOLID
Date Sampled...: 01/02/01 10:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 09:46
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	77	(60 - 130)		

060048

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-008 Work Order #...: DR6381AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 12:50
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	23	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	19	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000049

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-008 Work Order #...: DR6381AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	98	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	92	(70 - 130)

000050

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

GC Semivolatiles

Lot-Sample #...: E1A030129-009 Work Order #...: DR6391AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 18:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	94	(60 - 130)

000051

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

GC Volatiles

Lot-Sample #...: E1A030129-009 Work Order #...: DR6391AE Matrix.....: SOLID
Date Sampled...: 01/02/01 10:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 10:15
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)		

000052

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-009 Work Order #...: DR6391AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 13:20
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	7.3	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000053

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-009 Work Order #...: DR6391AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	96	(70 - 130)		
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	88	(70 - 130)		

000054

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

GC Semivolatiles

Lot-Sample #...: E1A030129-010 Work Order #...: DR64A1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:30 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 18:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	89	(60 - 130)

000055

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

GC Volatiles

Lot-Sample #...: E1A030129-010 Work Order #...: DR64A1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 10:30 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 10:43
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
a,a,a-Trifluorotoluene (TFT)	77	(60 - 130)

000056

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-010 Work Order #...: DR64A1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 10:30 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 13:51
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	2.7 J	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	7.5	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000057

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-010 Work Order #...: DR64A1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	90	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000058

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

GC Semivolatiles

Lot-Sample #...: E1A030129-011 Work Order #...: DR64C1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 11:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 19:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	102	(60 - 130)

000059

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

GC Volatiles

Lot-Sample #...: E1A030129-011 Work Order #...: DR64C1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 11:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 11:12
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)		

000060

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

GC/MS Volatiles

Lot-Sample #...: E1A030129-011 Work Order #...: DR64C1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 11:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 15:46
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	21	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	1.4 J	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	1.7 J	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	59	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000061

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

GC/MS Volatiles

Lot-Sample #...: E1A030129-011 Work Order #...: DR64C1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000062

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-012 Work Order #...: DR64E1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	105	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	96	(70 - 130)		

000064

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-013 Work Order #...: DR64F1AA Matrix.....: SOLID
Date Sampled...: 01/02/01 12:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1008202 Analysis Time...: 16:48
Dilution Factor: 1
Analyst ID.....: 999998 Instrument ID...: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	7.2	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000065

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-013 Work Order #...: DR64F1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	96	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	90	(70 - 130)

000066

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-014 Work Order #...: DR64G1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 12:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1008089
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 13:51
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.8 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000067

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-014 Work Order #...: DR64G1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	95	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000068

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-015 Work Order #...: DR64H1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	95	(70 - 130)		
1,2-Dichloroethane-d4	96	(60 - 140)		
Toluene-d8	90	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000070

KENNEDY/JENKS CONSULTANTS

Client Sample ID: M_5_30

GC/MS Volatiles

Lot-Sample #...: E1A030129-016 Work Order #...: DR64K1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	95	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	93	(70 - 130)

000072

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-017 Work Order #...: DR64L1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 12:55 Date Received...: 01/02/01 17:00 MS Run #.....: 1008089
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 15:24
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.7 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000073

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-017 Work Order #...: DR64L1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	102	(70 - 130)		
1,2-Dichloroethane-d4	95	(60 - 140)		
Toluene-d8	94	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000074

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-018 Work Order #...: DR64M1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 13:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1008089
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 16:26
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	3.5 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-018 Work Order #...: DR64M1AA Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	101	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000076

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-019 Work Order #...: DR64N1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 13:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1009197
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #...: 1009364 Analysis Time...: 11:06
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSD
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-019 Work Order #...: DR64N1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
Toluene-d8	95	(70 - 130)

000078

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-020 Work Order #...: DR64P1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 13:16 Date Received...: 01/02/01 17:00 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #...: 1008279 Analysis Time...: 00:59
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	3.4 J	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	13	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000079

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_5_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-020 Work Order #...: DR64P1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	83	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000080

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_5

GC Semivolatiles

Lot-Sample #...: E1A030129-021 Work Order #...: DR64Q1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 19:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	96	(60 - 130)

000081

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_5

GC Volatiles

Lot-Sample #...: E1A030129-021 Work Order #...: DR64Q1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 14:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 11:40
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	86	(60 - 130)		

000082

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-021 Work Order #...: DR64Q1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	107	(70 - 130)

000084

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

GC Semivolatiles

Lot-Sample #...: E1A030129-022 Work Order #...: DR64R1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 20:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	102	(60 - 130)

000085

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

GC Volatiles

Lot-Sample #...: E1A030129-022 Work Order #...: DR64R1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 14:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1005145
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1005337 Analysis Time...: 12:09
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	82	(60 - 130)

000086

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-022 Work Order #...: DR64R1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #...: 1008279 Analysis Time...: 02:04
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.2 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

(Continued on next page)

000087

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-022 Work Order #...: DR64R1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	107	(70 - 130)		
1,2-Dichloroethane-d4	87	(60 - 140)		
Toluene-d8	105	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000088

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

GC Semivolatiles

Lot-Sample #...: E1A030129-023 Work Order #...: DR64T1AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 20:46
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	97	(60 - 130)

000089

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

GC Volatiles

Lot-Sample #...: E1A030129-023 Work Order #...: DR64T1AE Matrix.....: SOLID
Date Sampled...: 01/02/01 14:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1008182
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1008376 Analysis Time...: 14:03
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	ND	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)	83	(60 - 130)		

000030

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-023 Work Order #...: DR64T1AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:15 Date Received...: 01/02/01 17:00 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #...: 1008279 Analysis Time...: 02:36
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	6.4	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	2.6 J	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	33	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000091

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-023 Work Order #...: DR64T1AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	106	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000092

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

GC Semivolatiles

Lot-Sample #...: E1A030129-024 Work Order #...: DR6451AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:25 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 21:15
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	102	(60 - 130)

000093

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

GC Volatiles

Lot-Sample #...: E1A030129-024 Work Order #...: DR6451AE Matrix.....: SOLID
Date Sampled...: 01/02/01 14:25 Date Received...: 01/02/01 17:00 MS Run #.....: 1008182
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1008376 Analysis Time...: 14:32
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	0.12 J	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)	81	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.
Unknown peaks were detected.

000094

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-024 Work Order #...: DR6451AC Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:25 Date Received...: 01/02/01 17:00 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #...: 1008279 Analysis Time...: 03:09
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	4.7 J	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	2.4 J	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	29	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000095

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

GC/MS Volatiles

Lot-Sample #...: E1A030129-024 Work Order #...: DR6451AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000096

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_30

GC Semivolatiles

Lot-Sample #...: E1A030129-025 Work Order #...: DR6461AD Matrix.....: SOLID
 Date Sampled...: 01/02/01 14:40 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 21:45
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G01
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	80	(60 - 130)

000097

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_30

GC Volatiles

Lot-Sample #...: E1A030129-025 Work Order #...: DR6461AE Matrix.....: SOLID
Date Sampled...: 01/02/01 14:40 Date Received...: 01/02/01 17:00 MS Run #.....: 1008182
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #...: 1008376 Analysis Time...: 15:00
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C6-C8	0.13 J	1.0	mg/kg	0.10
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

Unknown peaks were detected.

000098

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_30

GC/MS Volatiles

Lot-Sample #...: E1A030129-025 Work Order #...: DR6461AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	110	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000100

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_5

GC/MS Volatiles

Lot-Sample #...: E1A030129-026 Work Order #...: DR6481AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	8.6	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	106	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000102

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_10

GC/MS Volatiles

Lot-Sample #...: E1A030129-027 Work Order #...: DR65A1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)
1,2-Dichloroethane-d4	100	(60 - 140)
Toluene-d8	104	(70 - 130)

000104

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-028 Work Order #...: DR65C1AA Matrix.....: SOLID
 Date Sampled...: 01/02/01 Date Received...: 01/02/01 17:00 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #...: 1008279 Analysis Time...: 05:19
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.2 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000105

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_15

GC/MS Volatiles

Lot-Sample #...: E1A030129-028 Work Order #...: DR65C1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000106

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TB

GC/MS Volatiles

Lot-Sample #...: E1A030129-029 Work Order #...: DR65Q1AA Matrix.....: WATER
 Date Sampled...: 01/02/01 Date Received...: 01/02/01 17:00 MS Run #.....: 1004152
 Prep Date.....: 01/03/01 Analysis Date...: 01/03/01
 Prep Batch #...: 1004348 Analysis Time...: 23:40
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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000107

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TB

GC/MS Volatiles

Lot-Sample #...: E1A030129-029 Work Order #...: DR65Q1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	101	(75 - 120)
1,2-Dichloroethane-d4	113	(65 - 130)
Toluene-d8	103	(80 - 130)

000108

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #....: E1A030129-030 Work Order #....: DR65V1AA Matrix.....: WATER
 Date Sampled....: 01/02/01 Date Received...: 01/02/01 17:00 MS Run #.....: 1004152
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #....: 1004348 Analysis Time...: 00:10
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	3.3 J	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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000109

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #...: E1A030129-030 Work Order #...: DR65V1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 120)
1,2-Dichloroethane-d4	108	(65 - 130)
Toluene-d8	99	(80 - 130)

NOTE (S) :

J Estimated result. Result is less than RL.

000110

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

TOTAL Metals

Lot-Sample #...: E1A030129-001

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR63Q1A0
		Dilution Factor: 1		Analysis Time...: 16:27	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	15100	20.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AE
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	3.0	1.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AF
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	0.30 B	6.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AG
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	174	2.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AH
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.54	0.50	mg/kg	SW846 6010B	01/04/01	DR63Q1AJ
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	19.6	1.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AK
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.54	0.50	mg/kg	SW846 6010B	01/04/01	DR63Q1AL
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	6.2	0.50	mg/kg	SW846 6010B	01/04/01	DR63Q1AM
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000111

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_5

TOTAL Metals

Lot-Sample #...: E1A030129-001

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR63Q1AN
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AP
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	19.6	5.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AQ
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	15.1	2.5	mg/kg	SW846 6010B	01/04/01	DR63Q1AR
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AT
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	15.0	4.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AU
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	1.4	1.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AV
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	47.7	5.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AW
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	39.3	2.0	mg/kg	SW846 6010B	01/04/01	DR63Q1AX
		Dilution Factor: 1		Analysis Time...: 21:08	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000112

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

TOTAL Metals

Lot-Sample #...: E1A030129-002

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR63X1AA
		Dilution Factor: 1		Analysis Time...: 16:33	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	23300	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AF
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	3.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AG
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.59 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AH
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	149	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AJ
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.34 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AK
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	24.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AL
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.68	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AM
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	4.9	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AN
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000113

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_10

TOTAL Metals

Lot-Sample #...: E1A030129-002

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AP
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AQ
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	14.2	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AR
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	23.4	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AT
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AU
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	28.0	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AV
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AW
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	55.3	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AX
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	64.1	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR63X1AO
		Dilution Factor: 1		Analysis Time...: 15:48	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000114

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_15

TOTAL Metals

Lot-Sample #...: E1A030129-003

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:15 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004280						
Mercury	0.047 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6311AA
		Dilution Factor: 1		Analysis Time..: 16:13	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1006017	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	26300	20.0	mg/kg	SW846 6010B	01/04/01	DR6311AF
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031197	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	4.3	1.0	mg/kg	SW846 6010B	01/04/01	DR6311AG
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR6311AH
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	162	2.0	mg/kg	SW846 6010B	01/04/01	DR6311AJ
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.43 B	0.50	mg/kg	SW846 6010B	01/04/01	DR6311AK
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	31.2	1.0	mg/kg	SW846 6010B	01/04/01	DR6311AL
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.74	0.50	mg/kg	SW846 6010B	01/04/01	DR6311AM
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	5.2	0.50	mg/kg	SW846 6010B	01/04/01	DR6311AN
		Dilution Factor: 1		Analysis Time..: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000115

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_2_15

TOTAL Metals

Lot-Sample #...: E1A030129-003

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6311AP
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6311AQ
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	12.1	5.0	mg/kg	SW846 6010B	01/04/01	DR6311AR
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	30.1	2.5	mg/kg	SW846 6010B	01/04/01	DR6311AT
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6311AU
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	21.8	4.0	mg/kg	SW846 6010B	01/04/01	DR6311AV
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6311AW
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	60.2	5.0	mg/kg	SW846 6010B	01/04/01	DR6311AX
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	74.8	2.0	mg/kg	SW846 6010B	01/04/01	DR6311AO
		Dilution Factor: 1		Analysis Time...: 21:16	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000116

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

TOTAL Metals

Lot-Sample #...: E1A030129-004

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:31 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004280						
Mercury	0.048 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6331AA
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1006017	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	21000	20.0	mg/kg	SW846 6010B	01/04/01	DR6331AF
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031197	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	3.4	1.0	mg/kg	SW846 6010B	01/04/01	DR6331AG
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR6331AH
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	131	2.0	mg/kg	SW846 6010B	01/04/01	DR6331AJ
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.29 B	0.50	mg/kg	SW846 6010B	01/04/01	DR6331AK
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	23.3	1.0	mg/kg	SW846 6010B	01/04/01	DR6331AL
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.63	0.50	mg/kg	SW846 6010B	01/04/01	DR6331AM
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	6.7	0.50	mg/kg	SW846 6010B	01/04/01	DR6331AN
		Dilution Factor: 1		Analysis Time...: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000117

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_5

TOTAL Metals

Lot-Sample #...: E1A030129-004

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6331AP
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6331AQ
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	9.9	5.0	mg/kg	SW846 6010B	01/04/01	DR6331AR
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	20.8	2.5	mg/kg	SW846 6010B	01/04/01	DR6331AT
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6331AU
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	16.0	4.0	mg/kg	SW846 6010B	01/04/01	DR6331AV
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	0.78 B	1.0	mg/kg	SW846 6010B	01/04/01	DR6331AW
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	49.3	5.0	mg/kg	SW846 6010B	01/04/01	DR6331AX
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	53.0	2.0	mg/kg	SW846 6010B	01/04/01	DR6331A0
		Dilution Factor: 1		Analysis Time..: 21:23	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000113

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

TOTAL Metals

Lot-Sample #...: E1A030129-005

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:35 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004280						
Mercury	0.025 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6341AA
		Dilution Factor: 1		Analysis Time...: 16:20	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1006017	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	23100	20.0	mg/kg	SW846 6010B	01/04/01	DR6341AF
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	3.5	1.0	mg/kg	SW846 6010B	01/04/01	DR6341AG
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	0.52 B	6.0	mg/kg	SW846 6010B	01/04/01	DR6341AH
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	127	2.0	mg/kg	SW846 6010B	01/04/01	DR6341AJ
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B	01/04/01	DR6341AK
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	24.1	1.0	mg/kg	SW846 6010B	01/04/01	DR6341AL
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.61	0.50	mg/kg	SW846 6010B	01/04/01	DR6341AM
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	4.6	0.50	mg/kg	SW846 6010B	01/04/01	DR6341AN
		Dilution Factor: 1		Analysis Time...: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000119

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_10

TOTAL Metals

Lot-Sample #...: E1A030129-005

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6341AP
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6341AQ
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	14.1	5.0	mg/kg	SW846 6010B	01/04/01	DR6341AR
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	22.9	2.5	mg/kg	SW846 6010B	01/04/01	DR6341AT
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6341AU
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	22.1	4.0	mg/kg	SW846 6010B	01/04/01	DR6341AV
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	0.92 B	1.0	mg/kg	SW846 6010B	01/04/01	DR6341AW
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	51.9	5.0	mg/kg	SW846 6010B	01/04/01	DR6341AX
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	66.5	2.0	mg/kg	SW846 6010B	01/04/01	DR6341AO
		Dilution Factor: 1		Analysis Time..: 21:45	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000120

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

TOTAL Metals

Lot-Sample #...: E1A030129-006

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:45 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004280						
Mercury	0.054 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6351AA
		Dilution Factor: 1		Analysis Time...: 16:22	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1006017	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	27300	20.0	mg/kg	SW846 6010B	01/04/01	DR6351AF
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031197	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	4.4	1.0	mg/kg	SW846 6010B	01/04/01	DR6351AG
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	0.65 B	6.0	mg/kg	SW846 6010B	01/04/01	DR6351AH
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	177	2.0	mg/kg	SW846 6010B	01/04/01	DR6351AJ
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.56	0.50	mg/kg	SW846 6010B	01/04/01	DR6351AK
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	37.3	1.0	mg/kg	SW846 6010B	01/04/01	DR6351AL
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.80	0.50	mg/kg	SW846 6010B	01/04/01	DR6351AM
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	6.3	0.50	mg/kg	SW846 6010B	01/04/01	DR6351AN
		Dilution Factor: 1		Analysis Time...: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000121

KENNEDY/JENKS CONSULTANTS

Client Sample ID: J_6_15

TOTAL Metals

Lot-Sample #...: E1A030129-006

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6351AP
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6351AQ
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	14.0	5.0	mg/kg	SW846 6010B	01/04/01	DR6351AR
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	36.6	2.5	mg/kg	SW846 6010B	01/04/01	DR6351AT
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	2.2 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6351AU
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	28.3	4.0	mg/kg	SW846 6010B	01/04/01	DR6351AV
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/04/01	DR6351AW
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	63.4	5.0	mg/kg	SW846 6010B	01/04/01	DR6351AX
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	77.4	2.0	mg/kg	SW846 6010B	01/04/01	DR6351AO
		Dilution Factor: 1		Analysis Time..: 21:53	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000122

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

TOTAL Metals

Lot-Sample #...: E1A030129-007

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:00 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.033 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6361AA
		Dilution Factor: 1		Analysis Time...: 16:34	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	20000	20.0	mg/kg	SW846 6010B	01/04/01	DR6361AF
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	3.3	1.0	mg/kg	SW846 6010B	01/04/01	DR6361AG
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR6361AH
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	135	2.0	mg/kg	SW846 6010B	01/04/01	DR6361AJ
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B	01/04/01	DR6361AK
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	22.7	1.0	mg/kg	SW846 6010B	01/04/01	DR6361AL
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.61	0.50	mg/kg	SW846 6010B	01/04/01	DR6361AM
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	19.9	0.50	mg/kg	SW846 6010B	01/04/01	DR6361AN
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000123

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_5

TOTAL Metals

Lot-Sample #...: E1A030129-007

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6361AP
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6361AQ
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	10.7	5.0	mg/kg	SW846 6010B	01/04/01	DR6361AR
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	18.1	2.5	mg/kg	SW846 6010B	01/04/01	DR6361AT
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6361AU
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	15.5	4.0	mg/kg	SW846 6010B	01/04/01	DR6361AV
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6361AW
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	47.6	5.0	mg/kg	SW846 6010B	01/04/01	DR6361AX
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	48.3	2.0	mg/kg	SW846 6010B	01/04/01	DR6361AO
		Dilution Factor: 1		Analysis Time...: 22:01	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000124

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

TOTAL Metals

Lot-Sample #...: E1A030129-008

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:10 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.030 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6381AA
		Dilution Factor: 1		Analysis Time...: 16:39	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	24100	20.0	mg/kg	SW846 6010B	01/04/01	DR6381AF
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	3.7	1.0	mg/kg	SW846 6010B	01/04/01	DR6381AG
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR6381AH
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	193	2.0	mg/kg	SW846 6010B	01/04/01	DR6381AJ
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.36 B	0.50	mg/kg	SW846 6010B	01/04/01	DR6381AK
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	25.3	1.0	mg/kg	SW846 6010B	01/04/01	DR6381AL
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.70	0.50	mg/kg	SW846 6010B	01/04/01	DR6381AM
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	4.9	0.50	mg/kg	SW846 6010B	01/04/01	DR6381AN
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000125

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_10

TOTAL Metals

Lot-Sample #....: E1A030129-008

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6381AP
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6381AQ
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	9.6	5.0	mg/kg	SW846 6010B	01/04/01	DR6381AR
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	17.8	2.5	mg/kg	SW846 6010B	01/04/01	DR6381AT
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6381AU
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	20.3	4.0	mg/kg	SW846 6010B	01/04/01	DR6381AV
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/04/01	DR6381AW
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	53.0	5.0	mg/kg	SW846 6010B	01/04/01	DR6381AX
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	60.4	2.0	mg/kg	SW846 6010B	01/04/01	DR6381AO
		Dilution Factor: 1		Analysis Time...: 22:09	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000128

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

TOTAL Metals

Lot-Sample #...: E1A030129-009

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:15 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.043 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6391AA
		Dilution Factor: 1		Analysis Time...: 16:41	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004332						
Aluminum	30000	20.0	mg/kg	SW846 6010B	01/04/01	DR6391AF
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 8.0	
Arsenic	6.1	1.0	mg/kg	SW846 6010B	01/04/01	DR6391AG
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR6391AH
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.20	
Barium	181	2.0	mg/kg	SW846 6010B	01/04/01	DR6391AJ
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cadmium	0.72	0.50	mg/kg	SW846 6010B	01/04/01	DR6391AK
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Chromium	38.9	1.0	mg/kg	SW846 6010B	01/04/01	DR6391AL
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Beryllium	0.90	0.50	mg/kg	SW846 6010B	01/04/01	DR6391AM
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.050	
Lead	7.3	0.50	mg/kg	SW846 6010B	01/04/01	DR6391AN
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	

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000127

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_15

TOTAL Metals

Lot-Sample #...: E1A030129-009

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR6391AP
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR6391AQ
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Cobalt	16.7	5.0	mg/kg	SW846 6010B	01/04/01	DR6391AR
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Copper	41.1	2.5	mg/kg	SW846 6010B	01/04/01	DR6391AT
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.40	
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B	01/04/01	DR6391AU
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Nickel	32.7	4.0	mg/kg	SW846 6010B	01/04/01	DR6391AV
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	01/04/01	DR6391AW
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.50	
Vanadium	76.7	5.0	mg/kg	SW846 6010B	01/04/01	DR6391AX
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 0.10	
Zinc	86.6	2.0	mg/kg	SW846 6010B	01/04/01	DR6391A0
		Dilution Factor: 1		Analysis Time...: 22:17	Analyst ID.....: 0031196	
		Instrument ID...: M01		MS Run #.....: 1004146	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000128

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

TOTAL Metals

Lot-Sample #...: E1A030129-010

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:30 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.045 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR64A1AA
		Dilution Factor: 1		Analysis Time...: 16:43		Analyst ID.....: 021088
		Instrument ID...: M04		MS Run #.....: 1004109		MDL.....: 0.020
Prep Batch #...: 1004345						
Aluminum	19900	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AF
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 8.0
Arsenic	3.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AG
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40
Antimony	0.41 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AH
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.20
Barium	173	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AJ
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AK
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.050
Chromium	23.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AL
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10
Beryllium	0.59	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AM
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.050
Lead	4.4	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AN
		Dilution Factor: 1		Analysis Time...: 16:18		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30

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000129

KENNEDY/JENKS CONSULTANTS

Client Sample ID: 1_5_20

TOTAL Metals

Lot-Sample #...: E1A030129-010

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AP
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AQ
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	11.1	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AR
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	24.4	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AT
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AU
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	17.2	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AV
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AW
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	53.8	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1AX
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	73.4	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64A1A0
		Dilution Factor: 1		Analysis Time...: 16:18	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000130

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

TOTAL Metals

Lot-Sample #...: E1A030129-011

Matrix.....: SOLID

Date Sampled...: 01/02/01 11:00 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004287						
Mercury	0.081 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR64C1AA
		Dilution Factor: 1		Analysis Time...: 16:45	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	29400	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AF
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	7.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AG
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AH
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	226	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AJ
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	1.8	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AK
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	40.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AL
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.93	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AM
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	8.6	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AN
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000131

KENNEDY/JENKS CONSULTANTS

Client Sample ID: L_5_30

TOTAL Metals

Lot-Sample #....: E1A030129-011

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AP
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AQ
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	16.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AR
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	45.0	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AT
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	3.1 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AU
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	35.8	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AV
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.7	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AW
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	75.4	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AX
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	97.9	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64C1AO
		Dilution Factor: 1		Analysis Time...: 16:26	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000132

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_5

TOTAL Metals

Lot-Sample #...: E1A030129-021

Matrix.....: SOLID

Date Sampled...: 01/02/01 14:00 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR64Q1AA
		Dilution Factor: 1		Analysis Time...: 16:46		Analyst ID.....: 021088
		Instrument ID...: M04		MS Run #.....: 1004109		MDL.....: 0.020
Prep Batch #...: 1004345						
Aluminum	12000	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AF
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 8.0
Arsenic	2.2	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AG
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40
Antimony	0.26 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AH
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.20
Barium	95.3	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AJ
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AK
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.050
Chromium	16.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AL
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10
Beryllium	0.44 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AM
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.050
Lead	4.2	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AN
		Dilution Factor: 1		Analysis Time...: 16:36		Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30

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000133

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_5

TOTAL Metals

Lot-Sample #...: E1A030129-021

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AP
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AQ
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	8.4	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AR
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	13.8	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AT
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	0.93 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AU
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	9.7	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AV
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AW
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	34.2	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AX
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	30.2	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64Q1AO
		Dilution Factor: 1		Analysis Time...: 16:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000134

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

TOTAL Metals

Lot-Sample #...: E1A030129-022

Matrix.....: SOLID

Date Sampled...: 01/02/01 14:10 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.045 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR64R1AA
		Dilution Factor: 1		Analysis Time...: 16:48	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	25100	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AF
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	3.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AG
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.38 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AH
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	173	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AJ
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AK
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	26.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AL
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.69	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AM
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	5.1	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AN
		Dilution Factor: 1		Analysis Time...: 16:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000135

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_10

TOTAL Metals

Lot-Sample #...: E1A030129-022

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AP
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AQ
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	12.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AR
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	19.8	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AT
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AU
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	19.5	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AV
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AW
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	58.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AX
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	61.9	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64R1AO
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000136

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

TOTAL Metals

Lot-Sample #...: E1A030129-023

Matrix.....: SOLID

Date Sampled...: 01/02/01 14:15 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004287						
Mercury	0.051 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR64T1AA
		Dilution Factor: 1		Analysis Time...: 16:50	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	28700	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AF
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	5.6	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AG
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.84 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AH
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	197	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AJ
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.47 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AK
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	36.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AL
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.87	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AM
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	7.2	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AN
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000137

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_15

TOTAL Metals

Lot-Sample #...: E1A030129-023

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AP
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AQ
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	15.8	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AR
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	36.8	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AT
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	2.1 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AU
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	30.2	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AV
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AW
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	70.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AX
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	83.2	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR64T1AO
		Dilution Factor: 1		Analysis Time...: 17:06	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000138

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

TOTAL Metals

Lot-Sample #...: E1A030129-024

Matrix.....: SOLID

Date Sampled...: 01/02/01 14:25 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004287						
Mercury	0.14	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6451AA
		Dilution Factor: 1		Analysis Time...: 16:52	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	25900	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AF
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	4.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AG
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.41 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AH
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	187	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AJ
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.61	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AK
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	29.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AL
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.81	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AM
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	6.8	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AN
		Dilution Factor: 1		Analysis Time...: 17:14	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000139

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_20

TOTAL Metals

Lot-Sample #...: E1A030129-024

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AP
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AQ
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	13.4	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AR
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	32.0	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AT
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.8 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AU
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	22.3	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AV
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AW
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	61.5	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AX
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	86.5	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6451AO
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000140

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_30

TOTAL Metals

Lot-Sample #...: E1A030129-025

Matrix.....: SOLID

Date Sampled...: 01/02/01 14:40 Date Received...: 01/02/01 17:00

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004287						
Mercury	0.043 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6461AA
		Dilution Factor: 1		Analysis Time...: 16:54	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	28100	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AF
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AG
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.75 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AH
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	201	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AJ
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.78	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AK
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	32.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AL
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.91	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AM
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	6.4	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AN
		Dilution Factor: 1		Analysis Time...: 17:20	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000141

KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_4_30

TOTAL Metals

Lot-Sample #...: E1A030129-025

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AP
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AQ
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	14.2	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AR
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	33.5	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AT
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AU
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	23.3	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AV
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AW
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	61.6	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461AX
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	91.4	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6461A0
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000142

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_5

TOTAL Metals

Lot-Sample #....: E1A030129-026
 Date Sampled....: 01/02/01

Date Received...: 01/02/01 17:00

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #....: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR6481AW
		Dilution Factor: 1		Analysis Time...: 16:55	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #....: 1004345						
Aluminum	13100	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AC
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	2.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AD
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.44 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AE
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	105	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AF
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AG
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	18.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AH
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.47 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AJ
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	4.4	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AK
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000143

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_5

TOTAL Metals

Lot-Sample #...: E1A030129-026

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	0.44 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AL
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AM
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	9.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AN
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	15.3	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AP
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	0.93 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AQ
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	11.3	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AR
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AT
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	36.4	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AU
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	34.1	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR6481AV
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000144

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_10

TOTAL Metals

Lot-Sample #...: E1A030129-027
Date Sampled...: 01/02/01

Date Received...: 01/02/01 17:00

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Prep Batch #...: 1004287						
Mercury	0.035 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR65A1AW
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	29300	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AC
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	5.2	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AD
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.51 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AE
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	136	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AF
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.50	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AG
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	35.2	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AH
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.88	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AJ
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	6.6	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AK
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000145

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_10

TOTAL Metals

Lot-Sample #...: E1A030129-027

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AL
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AM
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	14.2	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AN
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	31.5	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AP
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	2.0 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AQ
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	26.0	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AR
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AT
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	68.7	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AU
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	81.0	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65A1AV
		Dilution Factor: 1		Analysis Time..: 17:36	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000146

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_15

TOTAL Metals

Lot-Sample #...: E1A030129-028
Date Sampled...: 01/02/01

Date Received...: 01/02/01 17:00

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1004287						
Mercury	0.059 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR65C1AW
		Dilution Factor: 1		Analysis Time...: 17:02	Analyst ID.....: 021088	
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020	
Prep Batch #...: 1004345						
Aluminum	23300	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AC
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0	
Arsenic	4.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AD
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Antimony	0.68 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AE
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20	
Barium	145	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AF
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AG
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Chromium	28.1	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AH
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Beryllium	0.73	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AJ
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050	
Lead	5.7	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AK
		Dilution Factor: 1		Analysis Time...: 17:44	Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30	

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000147

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_1_15

TOTAL Metals

Lot-Sample #...: E1A030129-028

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AL
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AM
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	13.9	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AN
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Copper	28.0	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AP
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AQ
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	23.1	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AR
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	0.89 B	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AT
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	55.9	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AU
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	69.8	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR65C1AV
		Dilution Factor: 1		Analysis Time..: 17:44	Analyst ID.....: 0031199	
		Instrument ID..: M01		MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000148

QC DATA ASSOCIATION SUMMARY

E1A030129

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1005353	1005155
	SOLID	SW846 6010B		1004332	1004146
002	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1005353	1005155
	SOLID	SW846 6010B		1004345	1004149
003	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004280	1006017
	SOLID	SW846 8260B		1005353	1005155
	SOLID	SW846 6010B		1004332	1004146
004	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004280	1006017
	SOLID	SW846 8260B		1005353	1005155
	SOLID	SW846 6010B		1004332	1004146
005	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004280	1006017
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004332	1004146
006	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004280	1006017
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004332	1004146
007	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004332	1004146

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QC DATA ASSOCIATION SUMMARY

E1A030129

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
008	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004332	1004146
009	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004332	1004146
010	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004345	1004149
011	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008202	1008064
	SOLID	SW846 6010B		1004345	1004149
012	SOLID	SW846 8260B		1008241	1008089
013	SOLID	SW846 8260B		1008202	1008064
014	SOLID	SW846 8260B		1008241	1008089
015	SOLID	SW846 8260B		1008202	1008064
016	SOLID	SW846 8260B		1008202	1008064
017	SOLID	SW846 8260B		1008241	1008089
018	SOLID	SW846 8260B		1008241	1008089
019	SOLID	SW846 8260B		1009364	1009197
020	SOLID	SW846 8260B		1008279	1008114

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000150

QC DATA ASSOCIATION SUMMARY

E1A030129

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
021	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
022	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
023	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1008376	1008182
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
024	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1008376	1008182
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
025	SOLID	SW846 8015B		1004471	1004207
	SOLID	SW846 8015B		1008376	1008182
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
026	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
027	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
028	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149

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QC DATA ASSOCIATION SUMMARY

E1A030129

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
029	WATER	SW846 8260B		1004348	1004152
030	WATER	SW846 8260B		1004348	1004152

000152

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A040000-348
 Analysis Date...: 01/03/01
 Dilution Factor: 1

Work Order #...: DR8M21AA
 Prep Date.....: 01/03/01
 Prep Batch #...: 1004348
 Analyst ID.....: 004648

Matrix.....: WATER
 Analysis Time...: 21:29
 Instrument ID...: MSC

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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000153

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DR8M21AA

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro- benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
		PERCENT	RECOVERY	
SURROGATE		RECOVERY	LIMITS	
Bromofluorobenzene		106	(75 - 120)	
1,2-Dichloroethane-d4		112	(65 - 130)	
Toluene-d8		109	(80 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000154

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A040000-471
 Analysis Date...: 01/09/01
 Dilution Factor: 1

Work Order #...: DR86M1AA
 Prep Date.....: 01/04/01
 Prep Batch #...: 1004471
 Analyst ID.....: 356074

Matrix.....: SOLID
 Analysis Time...: 09:44
 Instrument ID...: G01

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	108	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000155

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1A030129
MB Lot-Sample #: E1A050000-337
Analysis Date...: 01/05/01
Dilution Factor: 1

Work Order #...: DTATF1AA
Prep Date.....: 01/05/01
Prep Batch #...: 1005337
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time...: 00:46
Instrument ID...: G16

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
C6-C8	ND	1.0	mg/kg	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	77	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000156

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A050000-353
 Analysis Date...: 01/04/01
 Dilution Factor: 1

Work Order #...: DTAVM1AA
 Prep Date.....: 01/04/01
 Prep Batch #...: 1005353
 Analyst ID.....: 999998

Matrix.....: SOLID
 Analysis Time...: 21:43
 Instrument ID...: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000157

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DTAVM1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	115	(70 - 130)
1,2-Dichloroethane-d4	129	(60 - 140)
Toluene-d8	117	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000158

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A080000-202
 Analysis Date...: 01/05/01
 Dilution Factor: 1

Work Order #...: DTC1W1AA
 Prep Date.....: 01/05/01
 Prep Batch #...: 1008202
 Analyst ID.....: 999998

Matrix.....: SOLID
 Analysis Time...: 10:23
 Instrument ID...: MSD

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000159

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DTC1W1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000160

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A080000-241

Work Order #...: DTC5P1AA

Matrix.....: SOLID

Analysis Date...: 01/07/01
 Dilution Factor: 1

Prep Date.....: 01/07/01
 Prep Batch #...: 1008241

Analysis Time...: 12:49
 Instrument ID...: MSD

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000161

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DTC5P1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A080000-279

Work Order #...: DTDDM1AA

Matrix.....: SOLID

Analysis Date...: 01/05/01
 Dilution Factor: 1

Prep Date.....: 01/05/01

Analysis Time...: 22:48

Prep Batch #...: 1008279

Instrument ID...: MSG

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DTDDM1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	107	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DTDJ61AA Matrix.....: SOLID
MB Lot-Sample #: E1A080000-376 Prep Date.....: 01/05/01 Analysis Time...: 13:34
Analysis Date...: 01/05/01 Prep Batch #...: 1008376 Instrument ID...: G16
Dilution Factor: 1 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
C6-C8	ND	1.0	mg/kg	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	79	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129
 MB Lot-Sample #: E1A090000-364

Work Order #...: DTE441AA

Matrix.....: SOLID

Analysis Date...: 01/08/01
 Dilution Factor: 1

Prep Date.....: 01/08/01

Analysis Time...: 10:35

Prep Batch #...: 1009364

Instrument ID...: MSD

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A030129

Work Order #...: DTE441AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E1A040000-280 Prep Batch #...: 1004280						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR8FW1AA
		Dilution Factor: 1				
		Analysis Time...: 15:36		Analyst ID.....: 021088	Instrument ID...: M04	
MB Lot-Sample #: E1A040000-287 Prep Batch #...: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR8F91AA
		Dilution Factor: 1				
		Analysis Time...: 16:24		Analyst ID.....: 021088	Instrument ID...: M04	
MB Lot-Sample #: E1A040000-332 Prep Batch #...: 1004332						
Aluminum	ND	20.0	mg/kg	SW846 6010B	01/04/01	DR8K31AA
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR8K31AC
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/04/01	DR8K31AD
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	01/04/01	DR8K31AE
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR8K31AF
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	0.15 B	1.0	mg/kg	SW846 6010B	01/04/01	DR8K31AG
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR8K31AH
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR8K31AJ
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04/01	DR8K31AK
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR8K31AL
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	01/04/01	DR8K31AM
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	01/04/01	DR8K31AN
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	01/04/01	DR8K31AP
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	01/04/01	DR8K31AQ
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	01/04/01	DR8K31AR
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	01/04/01	DR8K31AT
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	01/04/01	DR8K31AU
		Dilution Factor: 1				
		Analysis Time...: 18:50		Analyst ID.....: 003119	Instrument ID...: M01	

MB Lot-Sample #: E1A040000-345 Prep Batch #...: 1004345

Aluminum	ND	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AA
		Dilution Factor: 1				
		Analysis Time...: 15:34		Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AC
		Dilution Factor: 1				
		Analysis Time...: 15:34		Analyst ID.....: 003119	Instrument ID...: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Antimony	0.25 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AD
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AE
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AF
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	0.22 B	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AG
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AH
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AJ
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AK
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AL
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AM
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AN
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AP
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AQ
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION-	WORK
		LIMIT	UNITS		ANALYSIS DATE	ORDER #
Thallium	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AR
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AT
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AU
		Dilution Factor: 1				
		Analysis Time..: 15:34		Analyst ID.....: 003119	Instrument ID..: M01	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

000171

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR8M21AC Matrix.....: WATER
 LCS Lot-Sample#: E1A040000-348
 Prep Date.....: 01/03/01 Analysis Date...: 01/03/01
 Prep Batch #...: 1004348 Analysis Time...: 20:59
 Dilution Factor: 1 Instrument ID...: MSC
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Benzene	10.0	9.60	ug/L	96	SW846 8260B
1,1-Dichloroethene	10.0	11.1	ug/L	111	SW846 8260B
Chlorobenzene	10.0	9.61	ug/L	96	SW846 8260B
Toluene	10.0	9.65	ug/L	96	SW846 8260B
Trichloroethene	10.0	9.51	ug/L	95	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	111	(65 - 130)
Toluene-d8	113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000172

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1A030129 Work Order #...: DR86M1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A040000-471
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 10:14
 Dilution Factor: 1 Instrument ID...: G01
 Analyst ID.....: 356074

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
TPH (as Diesel)	250	214	mg/kg	85	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Benzo (a) pyrene		92	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000173

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DTATF1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A050000-337
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005337 Analysis Time...: 00:17
 Dilution Factor: 1 Instrument ID...: G16
 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
TPH (as Gasoline)	5.00	5.03	mg/kg	101	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)		108	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000174

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTAVMIAC Matrix.....: SOLID
 LCS Lot-Sample#: E1A050000-353
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1005353 Analysis Time...: 21:10
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	50.0	56.1	ug/kg	112	SW846 8260B
Benzene	50.0	49.2	ug/kg	98	SW846 8260B
Trichloroethene	50.0	51.4	ug/kg	103	SW846 8260B
Toluene	50.0	48.8	ug/kg	98	SW846 8260B
Chlorobenzene	50.0	48.8	ug/kg	98	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	101	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000175

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTC1W1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-202
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 09:37
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	50.0	50.4	ug/kg	101	SW846 8260B
Benzene	50.0	50.6	ug/kg	101	SW846 8260B
Trichloroethene	50.0	43.3	ug/kg	87	SW846 8260B
Toluene	50.0	51.0	ug/kg	102	SW846 8260B
Chlorobenzene	50.0	49.1	ug/kg	98	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	97	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000176

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030129 Work Order #....: DTC5P1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-241
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008241 Analysis Time...: 12:18
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	50.0	47.4	ug/kg	95	SW846 8260B
Benzene	50.0	51.2	ug/kg	102	SW846 8260B
Trichloroethene	50.0	41.2	ug/kg	82	SW846 8260B
Toluene	50.0	50.0	ug/kg	100	SW846 8260B
Chlorobenzene	50.0	47.3	ug/kg	95	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000177

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTDDM1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-279
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008279 Analysis Time...: 22:15
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	50.0	61.2	ug/kg	122	SW846 8260B
Benzene	50.0	59.4	ug/kg	119	SW846 8260B
Trichloroethene	50.0	57.5	ug/kg	115	SW846 8260B
Toluene	50.0	54.7	ug/kg	109	SW846 8260B
Chlorobenzene	50.0	54.5	ug/kg	109	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000178

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DTDJ61AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-376
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008376 Analysis Time...: 13:06
 Dilution Factor: 1 Instrument ID...: G16
 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
TPH (as Gasoline)	5.00	4.68	mg/kg	94	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
a, a, a-Trifluorotoluene (TFT)		94	(60 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000179

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTE441AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A090000-364
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #...: 1009364 Analysis Time...: 10:04
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	50.0	53.2	ug/kg	106	SW846 8260B
Benzene	50.0	56.2	ug/kg	112	SW846 8260B
Trichloroethene	50.0	45.7	ug/kg	91	SW846 8260B
Toluene	50.0	53.2	ug/kg	106	SW846 8260B
Chlorobenzene	50.0	51.6	ug/kg	103	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000180

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
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LCS Lot-Sample#: E1A040000-280 Prep Batch #...: 1004280
 Mercury 0.833 0.808 mg/kg 97 SW846 7471A 01/04-01/05/01 DR8FW1AC
 Dilution Factor: 1
 Analysis Time...: 15:38 Analyst ID.....: 021088 Instrument ID...: M04

LCS Lot-Sample#: E1A040000-287 Prep Batch #...: 1004287
 Mercury 0.833 0.783 mg/kg 94 SW846 7471A 01/04-01/05/01 DR8F91AC
 Dilution Factor: 1
 Analysis Time...: 16:26 Analyst ID.....: 021088 Instrument ID...: M04

LCS Lot-Sample#: E1A040000-332 Prep Batch #...: 1004332
 Aluminum 200 200 mg/kg 100 SW846 6010B 01/04/01 DR8K31AV
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Arsenic 200 190 mg/kg 95 SW846 6010B 01/04/01 DR8K31AW
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Antimony 50.0 42.4 mg/kg 85 SW846 6010B 01/04/01 DR8K31AX
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Barium 200 201 mg/kg 101 SW846 6010B 01/04/01 DR8K31A0
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Cadmium 5.00 5.22 mg/kg 104 SW846 6010B 01/04/01 DR8K31A1
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Chromium 20.0 21.1 mg/kg 105 SW846 6010B 01/04/01 DR8K31A2
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

Beryllium 5.00 5.14 mg/kg 103 SW846 6010B 01/04/01 DR8K31A3
 Dilution Factor: 1
 Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01

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000181

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Lead	50.0	50.4	mg/kg	101	SW846 6010B	01/04/01	DR8K31A4
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Selenium	200	189	mg/kg	95	SW846 6010B	01/04/01	DR8K31A5
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Silver	5.00	5.07	mg/kg	101	SW846 6010B	01/04/01	DR8K31A6
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Cobalt	50.0	53.1	mg/kg	106	SW846 6010B	01/04/01	DR8K31A7
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Copper	25.0	25.7	mg/kg	103	SW846 6010B	01/04/01	DR8K31A8
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Molybdenum	100	102	mg/kg	102	SW846 6010B	01/04/01	DR8K31A9
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Nickel	50.0	52.1	mg/kg	104	SW846 6010B	01/04/01	DR8K31CA
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Thallium	200	209	mg/kg	105	SW846 6010B	01/04/01	DR8K31CC
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Vanadium	50.0	52.4	mg/kg	105	SW846 6010B	01/04/01	DR8K31CD
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Zinc	50.0	50.4	mg/kg	101	SW846 6010B	01/04/01	DR8K31CE
				Dilution Factor: 1			
				Analysis Time...: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			

LCS Lot-Sample#: E1A040000-345 Prep Batch #....: 1004345

Aluminum	200	200	mg/kg	100	SW846 6010B	01/04-01/05/01	DR8L71AV
				Dilution Factor: 1			
				Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01			

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000182

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>	
Arsenic	200	195	mg/kg	97	SW846 6010B	01/04-01/05/01	DR8L71AW	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Antimony	50.0	48.2	mg/kg	96	SW846 6010B	01/04-01/05/01	DR8L71AX	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Barium	200	210	mg/kg	105	SW846 6010B	01/04-01/05/01	DR8L71A0	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Cadmium	5.00	5.46	mg/kg	109	SW846 6010B	01/04-01/05/01	DR8L71A1	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Chromium	20.0	21.9	mg/kg	109	SW846 6010B	01/04-01/05/01	DR8L71A2	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Beryllium	5.00	5.18	mg/kg	104	SW846 6010B	01/04-01/05/01	DR8L71A3	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Lead	50.0	53.3	mg/kg	107	SW846 6010B	01/04-01/05/01	DR8L71A4	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Selenium	200	191	mg/kg	95	SW846 6010B	01/04-01/05/01	DR8L71A5	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Silver	5.00	5.13	mg/kg	103	SW846 6010B	01/04-01/05/01	DR8L71A6	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Cobalt	50.0	56.2	mg/kg	112	SW846 6010B	01/04-01/05/01	DR8L71A7	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Copper	25.0	26.5	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8L71A8	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		

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000183

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030129

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #	
Molybdenum	100	102	mg/kg	102	SW846 6010B	01/04-01/05/01	DR8L71A9	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Nickel	50.0	55.2	mg/kg	110	SW846 6010B	01/04-01/05/01	DR8L71CA	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Thallium	200	211	mg/kg	105	SW846 6010B	01/04-01/05/01	DR8L71CC	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Vanadium	50.0	52.3	mg/kg	105	SW846 6010B	01/04-01/05/01	DR8L71CD	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		
Zinc	50.0	51.1	mg/kg	102	SW846 6010B	01/04-01/05/01	DR8L71CE	
			Dilution Factor: 1					
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000184

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030129 Work Order #....: DR8M21AC Matrix.....: WATER
 LCS Lot-Sample#: E1A040000-348
 Prep Date.....: 01/03/01 Analysis Date...: 01/03/01
 Prep Batch #....: 1004348 Analysis Time...: 20:59
 Dilution Factor: 1 Instrument ID...: MSC
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	96	(75 - 120)	SW846 8260B
1,1-Dichloroethene	111	(70 - 130)	SW846 8260B
Chlorobenzene	96	(80 - 120)	SW846 8260B
Toluene	96	(80 - 120)	SW846 8260B
Trichloroethene	95	(75 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	111	(65 - 130)
Toluene-d8	113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000185

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E1A030129 Work Order #....: DR86M1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A040000-471
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004471 Analysis Time...: 10:14
 Dilution Factor: 1 Instrument ID...: G01
 Analyst ID.....: 356074

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	85	(60 - 130)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Benzo(a)pyrene	92	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DTATF1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A050000-337
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005337 Analysis Time...: 00:17
 Dilution Factor: 1 Instrument ID...: G16
 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	101	(80 - 140)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	108	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000187

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTAVM1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A050000-353
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1005353 Analysis Time...: 21:10
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	112	(60 - 150)	SW846 8260B
Benzene	98	(70 - 140)	SW846 8260B
Trichloroethene	103	(70 - 130)	SW846 8260B
Toluene	98	(70 - 130)	SW846 8260B
Chlorobenzene	98	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	101	(70 - 130)
1,2-Dichloroethane-d4	105	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTC1W1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-202
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 09:37
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	101	(60 - 150)	SW846 8260B
Benzene	101	(70 - 140)	SW846 8260B
Trichloroethene	87	(70 - 130)	SW846 8260B
Toluene	102	(70 - 130)	SW846 8260B
Chlorobenzene	98	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	97	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTC5P1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-241
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 12:18
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	95	(60 - 150)	SW846 8260B
Benzene	102	(70 - 140)	SW846 8260B
Trichloroethene	82	(70 - 130)	SW846 8260B
Toluene	100	(70 - 130)	SW846 8260B
Chlorobenzene	95	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	102	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000190

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTDDM1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-279
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008279 Analysis Time...: 22:15
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	122	(60 - 150)	SW846 8260B
Benzene	119	(70 - 140)	SW846 8260B
Trichloroethene	115	(70 - 130)	SW846 8260B
Toluene	109	(70 - 130)	SW846 8260B
Chlorobenzene	109	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000191

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DTDJ61AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-376
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008376 Analysis Time...: 13:06
 Dilution Factor: 1 Instrument ID...: G16
 Analyst ID.....: 001464

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	94	(80 - 140)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
a, a, a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000192

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DTE441AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A090000-364
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #...: 1009364 Analysis Time...: 10:04
 Dilution Factor: 1 Instrument ID...: MSD
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	106	(60 - 150)	SW846 8260B
Benzene	112	(70 - 140)	SW846 8260B
Trichloroethene	91	(70 - 130)	SW846 8260B
Toluene	106	(70 - 130)	SW846 8260B
Chlorobenzene	103	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	109	(70 - 130)
1,2-Dichloroethane-d4	106	(60 - 140)
Toluene-d8	104	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000193

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: E1A040000-280 Prep Batch #... : 1004280					
Mercury	97	(85 - 115)	SW846 7471A	01/04-01/05/01	DR8FW1AC
		Dilution Factor: 1			
		Analysis Time...: 15:38	Analyst ID.....: 021088	Instrument ID...: M04	
LCS Lot-Sample#: E1A040000-287 Prep Batch #... : 1004287					
Mercury	94	(85 - 115)	SW846 7471A	01/04-01/05/01	DR8F91AC
		Dilution Factor: 1			
		Analysis Time...: 16:26	Analyst ID.....: 021088	Instrument ID...: M04	
LCS Lot-Sample#: E1A040000-332 Prep Batch #... : 1004332					
Aluminum	100	(80 - 120)	SW846 6010B	01/04/01	DR8K31AV
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Arsenic	95	(75 - 115)	SW846 6010B	01/04/01	DR8K31AW
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	85	(75 - 115)	SW846 6010B	01/04/01	DR8K31AX
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Barium	101	(80 - 120)	SW846 6010B	01/04/01	DR8K31A0
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	104	(80 - 120)	SW846 6010B	01/04/01	DR8K31A1
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	105	(85 - 120)	SW846 6010B	01/04/01	DR8K31A2
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	103	(80 - 120)	SW846 6010B	01/04/01	DR8K31A3
		Dilution Factor: 1			
		Analysis Time...: 18:56	Analyst ID.....: 003119	Instrument ID...: M01	

(Continued on next page)

000194

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Lead	101	(80 - 120)	SW846 6010B	01/04/01	DR8K31A4
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Selenium	95	(70 - 115)	SW846 6010B	01/04/01	DR8K31A5
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Silver	101	(80 - 120)	SW846 6010B	01/04/01	DR8K31A6
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Cobalt	106	(80 - 120)	SW846 6010B	01/04/01	DR8K31A7
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Copper	103	(80 - 120)	SW846 6010B	01/04/01	DR8K31A8
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Molybdenum	102	(80 - 120)	SW846 6010B	01/04/01	DR8K31A9
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Nickel	104	(80 - 120)	SW846 6010B	01/04/01	DR8K31CA
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Thallium	105	(75 - 120)	SW846 6010B	01/04/01	DR8K31CC
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Vanadium	105	(80 - 120)	SW846 6010B	01/04/01	DR8K31CD
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			
Zinc	101	(80 - 120)	SW846 6010B	01/04/01	DR8K31CE
		Dilution Factor: 1			
		Analysis Time..: 18:56 Analyst ID.....: 003119 Instrument ID...: M01			

LCS Lot-Sample#: E1A040000-345 Prep Batch #...: 1004345

Aluminum	100	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71AV
		Dilution Factor: 1			
		Analysis Time..: 15:40 Analyst ID.....: 003119 Instrument ID...: M01			

(Continued on next page)

000195

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Arsenic	97	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8L71AW
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Antimony	96	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8L71AX
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Barium	105	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A0
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	109	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A1
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Chromium	109	(85 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A2
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	104	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A3
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Lead	107	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A4
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Selenium	95	(70 - 115)	SW846 6010B	01/04-01/05/01	DR8L71A5
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Silver	103	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A6
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Cobalt	112	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A7
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Copper	106	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A8
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01

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000196

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Molybdenum	102	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A9
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Nickel	110	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CA
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Thallium	105	(75 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CC
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Vanadium	105	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CD
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Zinc	102	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CE
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000197

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 11:22 Date Received...: 01/02/01 16:30

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MS Lot-Sample #: E1A020144-005 Prep Batch #...: 1004280

Mercury

0.031	0.167	0.198	mg/kg	100			SW846 7471A	01/04-01/05/01	DR6NE1C9
0.031	0.167	0.198	mg/kg	100	0.0		SW846 7471A	01/04-01/05/01	DR6NE1DA

Dilution Factor: 1

Analysis Time..: 15:41

Instrument ID...: M04

Analyst ID.....: 021088

MS Run #.....: 1006017

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000198

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A020144-006 Prep Batch #...: 1004332									
Aluminum									
	23900	200	25800	NC mg/kg			SW846 6010B	01/04/01	DR6NH1A8
	23900	200	25300	NC mg/kg			SW846 6010B	01/04/01	DR6NH1A9
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								
Arsenic									
	6.4	200	182	mg/kg	88		SW846 6010B	01/04/01	DR6NH1CA
	6.4	200	177	mg/kg	85	2.5	SW846 6010B	01/04/01	DR6NH1CC
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								
Antimony									
	2.0	50.0	12.3	N mg/kg	21		SW846 6010B	01/04/01	DR6NH1CD
	2.0	50.0	11.8	N mg/kg	20	4.2	SW846 6010B	01/04/01	DR6NH1CE
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								
Barium									
	169	200	357	mg/kg	94		SW846 6010B	01/04/01	DR6NH1CF
	169	200	350	mg/kg	91	2.0	SW846 6010B	01/04/01	DR6NH1CG
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								
Cadmium									
	0.34	5.00	5.09	mg/kg	95		SW846 6010B	01/04/01	DR6NH1CH
	0.34	5.00	4.97	mg/kg	93	2.4	SW846 6010B	01/04/01	DR6NH1CJ
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								
Chromium									
	35.1	20.0	55.1	mg/kg	100		SW846 6010B	01/04/01	DR6NH1CK
	35.1	20.0	53.9	mg/kg	94	2.3	SW846 6010B	01/04/01	DR6NH1CL
	Dilution Factor: 1								
	Analysis Time...: 19:20			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004146								

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000199

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.76	5.00	5.56	mg/kg	96		SW846 6010B	01/04/01	DR6NH1CM
	0.76	5.00	5.42	mg/kg	93	2.6	SW846 6010B	01/04/01	DR6NH1CN
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Lead									
	7.3	50.0	52.8	mg/kg	91		SW846 6010B	01/04/01	DR6NH1CP
	7.3	50.0	51.9	mg/kg	89	1.8	SW846 6010B	01/04/01	DR6NH1CQ
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Selenium									
ND	200	175		mg/kg	87		SW846 6010B	01/04/01	DR6NH1CR
ND	200	170		mg/kg	85	2.8	SW846 6010B	01/04/01	DR6NH1CT
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Silver									
ND	5.00	4.54		mg/kg	91		SW846 6010B	01/04/01	DR6NH1CU
ND	5.00	4.36		mg/kg	87	4.0	SW846 6010B	01/04/01	DR6NH1CV
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Cobalt									
	11.9	50.0	59.8	mg/kg	96		SW846 6010B	01/04/01	DR6NH1CW
	11.9	50.0	59.1	mg/kg	94	1.3	SW846 6010B	01/04/01	DR6NH1CX
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Copper									
	29.5	25.0	56.6	mg/kg	108		SW846 6010B	01/04/01	DR6NH1C0
	29.5	25.0	55.1	mg/kg	103	2.6	SW846 6010B	01/04/01	DR6NH1C1
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									
Molybdenum									
	1.4	100	90.4	mg/kg	89		SW846 6010B	01/04/01	DR6NH1C2
	1.4	100	88.1	mg/kg	87	2.6	SW846 6010B	01/04/01	DR6NH1C3
Dilution Factor: 1									
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004146									

000200

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Nickel	29.8	50.0	77.9	mg/kg	96		SW846 6010B	01/04/01	DR6NH1C4
	29.8	50.0	76.7	mg/kg	94	1.5	SW846 6010B	01/04/01	DR6NH1C5
				Dilution Factor: 1					
				Analysis Time...: 19:20		Instrument ID...: M01		Analyst ID.....: 003119	
				MS Run #.....: 1004146					
Thallium	1.2	200	190	mg/kg	94		SW846 6010B	01/04/01	DR6NH1C6
	1.2	200	186	mg/kg	92	2.3	SW846 6010B	01/04/01	DR6NH1C7
				Dilution Factor: 1					
				Analysis Time...: 19:20		Instrument ID...: M01		Analyst ID.....: 003119	
				MS Run #.....: 1004146					
Vanadium	52.6	50.0	102	mg/kg	98		SW846 6010B	01/04/01	DR6NH1C8
	52.6	50.0	98.8	mg/kg	92	2.7	SW846 6010B	01/04/01	DR6NH1C9
				Dilution Factor: 1					
				Analysis Time...: 19:20		Instrument ID...: M01		Analyst ID.....: 003119	
				MS Run #.....: 1004146					
Zinc	65.7	50.0	115	mg/kg	99		SW846 6010B	01/04/01	DR6NH1DA
	65.7	50.0	113	mg/kg	94	2.2	SW846 6010B	01/04/01	DR6NH1DC
				Dilution Factor: 1					
				Analysis Time...: 19:20		Instrument ID...: M01		Analyst ID.....: 003119	
				MS Run #.....: 1004146					

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000201

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6N31A2-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A020144-021 DR6N31A3-MSD
 Date Sampled...: 01/02/01 13:06 Date Received...: 01/02/01 16:30 MS Run #.....: 1008114
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008279 Analysis Time...: 23:53
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSG

PARAMETER	SAMPLE SPIKE MEASRD			UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	56.8	ug/kg	114		SW846 8260B
	ND	50.0	49.0	ug/kg	98	15	SW846 8260B
Benzene	ND	50.0	56.6	ug/kg	113		SW846 8260B
	ND	50.0	51.9	ug/kg	104	8.7	SW846 8260B
Trichloroethene	ND	50.0	55.0	ug/kg	110		SW846 8260B
	ND	50.0	51.5	ug/kg	103	6.6	SW846 8260B
Toluene	ND	50.0	57.2	ug/kg	114		SW846 8260B
	ND	50.0	53.5	ug/kg	107	6.7	SW846 8260B
Chlorobenzene	ND	50.0	55.0	ug/kg	110		SW846 8260B
	ND	50.0	51.3	ug/kg	103	7.0	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	108	(70 - 130)
	106	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
	96	(60 - 140)
Toluene-d8	110	(70 - 130)
	107	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00

<u>PARAMETER</u>	<u>AMOUNT</u>	<u>SAMPLE AMT</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED</u>	<u>UNITS</u>	<u>PERCNT</u>	<u>RECVRY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
										<u>ANALYSIS DATE</u>	<u>ORDER #</u>

MS Lot-Sample #: E1A030129-001 Prep Batch #...: 1004287

Mercury

ND	0.167	0.175		mg/kg	105				SW846 7471A	01/04-01/05/01	DR63Q1A1
ND	0.167	0.172		mg/kg	103	1.9			SW846 7471A	01/04-01/05/01	DR63Q1A2

Dilution Factor: 1

Analysis Time...: 16:29

Instrument ID...: M04

Analyst ID.....: 021088

MS Run #.....: 1004109

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000203

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1A030129 Work Order #...: DR63Q1A3-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-001 DR63Q1A4-MSD
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 11:15
 Dilution Factor: 1 Analyst ID.....: 356074 Instrument ID...: G01

PARAMETER	SAMPLE SPIKE		MEASRD	UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
TPH (as Diesel)		250	185	mg/kg	74		SW846 8015B
		250	193	mg/kg	77	4.1	SW846 8015B

SURROGATE	PERCENT		RECOVERY
	RECOVERY	LIMITS	
Benzo (a) pyrene	88	(60 - 130)	
	90	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000204

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR63Q1A5-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-001 DR63Q1A6-MSD
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005155
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1005353 Analysis Time...: 23:21
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSG

PARAMETER	SAMPLE SPIKE MEASRD		UNITS	PERCENT			
	AMOUNT	AMT		AMOUNT	RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	52.0	ug/kg	104		SW846 8260B
	ND	50.0	52.8	ug/kg	106	1.5	SW846 8260B
Benzene	ND	50.0	42.6	ug/kg	85		SW846 8260B
	ND	50.0	43.8	ug/kg	88	2.8	SW846 8260B
Trichloroethene	ND	50.0	45.4	ug/kg	91		SW846 8260B
	ND	50.0	46.2	ug/kg	92	1.6	SW846 8260B
Toluene	ND	50.0	44.8	ug/kg	90		SW846 8260B
	ND	50.0	43.9	ug/kg	88	2.1	SW846 8260B
Chlorobenzene	ND	50.0	45.8	ug/kg	92		SW846 8260B
	ND	50.0	46.0	ug/kg	92	0.58	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	101	(70 - 130)
	101	(70 - 130)
1,2-Dichloroethane-d4	128	(60 - 140)
	133	(60 - 140)
Toluene-d8	102	(70 - 130)
	100	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000205

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A030129-002 Prep Batch #...: 1004345									
Aluminum									
	23300	200	21900	NC mg/kg			SW846 6010B	01/04-01/05/01	DR63X1A1
	23300	200	23400	NC mg/kg			SW846 6010B	01/04-01/05/01	DR63X1A2
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Arsenic									
	3.9	200	184	mg/kg	90		SW846 6010B	01/04-01/05/01	DR63X1A3
	3.9	200	182	mg/kg	89	0.96	SW846 6010B	01/04-01/05/01	DR63X1A4
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Antimony									
	0.59	50.0	10.1	N mg/kg	19		SW846 6010B	01/04-01/05/01	DR63X1A5
	0.59	50.0	9.53	N mg/kg	18	5.9	SW846 6010B	01/04-01/05/01	DR63X1A6
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Barium									
	149	200	344	mg/kg	98		SW846 6010B	01/04-01/05/01	DR63X1A7
	149	200	388	mg/kg	120	12	SW846 6010B	01/04-01/05/01	DR63X1A8
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Cadmium									
	0.34	5.00	5.18	mg/kg	97		SW846 6010B	01/04-01/05/01	DR63X1A9
	0.34	5.00	5.25	mg/kg	98	1.3	SW846 6010B	01/04-01/05/01	DR63X1CA
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Chromium									
	24.8	20.0	42.1	mg/kg	86		SW846 6010B	01/04-01/05/01	DR63X1CC
	24.8	20.0	43.4	mg/kg	93	3.1	SW846 6010B	01/04-01/05/01	DR63X1CD
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								

(Continued on next page)

000206

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.68	5.00	5.53	mg/kg	97		SW846 6010B	01/04-01/05/01	DR63X1CE
	0.68	5.00	5.51	mg/kg	97	0.39	SW846 6010B	01/04-01/05/01	DR63X1CF
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Lead									
	4.9	50.0	52.3	mg/kg	95		SW846 6010B	01/04-01/05/01	DR63X1CG
	4.9	50.0	51.6	mg/kg	93	1.4	SW846 6010B	01/04-01/05/01	DR63X1CH
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Selenium									
	ND	200	179	mg/kg	89		SW846 6010B	01/04-01/05/01	DR63X1CJ
	ND	200	176	mg/kg	88	1.6	SW846 6010B	01/04-01/05/01	DR63X1CK
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Silver									
	ND	5.00	4.27	mg/kg	85		SW846 6010B	01/04-01/05/01	DR63X1CL
	ND	5.00	4.15	mg/kg	83	2.7	SW846 6010B	01/04-01/05/01	DR63X1CM
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Cobalt									
	14.2	50.0	64.1	mg/kg	100		SW846 6010B	01/04-01/05/01	DR63X1CN
	14.2	50.0	67.2	mg/kg	106	4.7	SW846 6010B	01/04-01/05/01	DR63X1CP
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Copper									
	23.4	25.0	45.1	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1CQ
	23.4	25.0	47.2	mg/kg	95	4.4	SW846 6010B	01/04-01/05/01	DR63X1CR
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								
Molybdenum									
	1.5	100	88.3	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1CT
	1.5	100	88.4	mg/kg	87	0.10	SW846 6010B	01/04-01/05/01	DR63X1CU
	Dilution Factor: 1								
	Analysis Time...: 16:02			Instrument ID...: M01			Analyst ID.....: 003119		
	MS Run #.....: 1004149								

000207

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Nickel									
	28.0	50.0	70.9	mg/kg	86		SW846 6010B	01/04-01/05/01	DR63X1CV
	28.0	50.0	83.0	mg/kg	110	16	SW846 6010B	01/04-01/05/01	DR63X1CW
Dilution Factor: 1									
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004149									
Thallium									
	1.1	200	193	mg/kg	96		SW846 6010B	01/04-01/05/01	DR63X1CX
	1.1	200	191	mg/kg	95	1.1	SW846 6010B	01/04-01/05/01	DR63X1C0
Dilution Factor: 1									
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004149									
Vanadium									
	55.3	50.0	98.7	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1C1
	55.3	50.0	101	mg/kg	91	2.3	SW846 6010B	01/04-01/05/01	DR63X1C2
Dilution Factor: 1									
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004149									
Zinc									
	64.1	50.0	106	mg/kg	84		SW846 6010B	01/04-01/05/01	DR63X1C3
	64.1	50.0	108	mg/kg	87	1.6	SW846 6010B	01/04-01/05/01	DR63X1C4
Dilution Factor: 1									
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119									
MS Run #.....: 1004149									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000208

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6341A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-005 DR6341A2-MSD
 Date Sampled...: 01/02/01 09:35 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 14:44
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

PARAMETER	SAMPLE SPIKE MEASRD		UNITS	PERCENT		METHOD
	AMOUNT	AMT		AMOUNT	RECOVERY	
1,1-Dichloroethene	ND	50.0	47.4	ug/kg	95	SW846 8260B
	ND	50.0	49.1	ug/kg	98	3.5 SW846 8260B
Benzene	ND	50.0	47.4	ug/kg	95	SW846 8260B
	ND	50.0	48.4	ug/kg	97	2.1 SW846 8260B
Trichloroethene	ND	50.0	40.7	ug/kg	81	SW846 8260B
	ND	50.0	43.0	ug/kg	86	5.7 SW846 8260B
Toluene	ND	50.0	46.7	ug/kg	93	SW846 8260B
	ND	50.0	48.4	ug/kg	97	3.6 SW846 8260B
Chlorobenzene	ND	50.0	45.6	ug/kg	91	SW846 8260B
	ND	50.0	46.5	ug/kg	93	2.0 SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	95	(70 - 130)
	95	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
	98	(60 - 140)
Toluene-d8	93	(70 - 130)
	93	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000209

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR64E1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-012 DR64E1AD-MSD
 Date Sampled...: 01/02/01 12:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1008089
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 14:22
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

PARAMETER	SAMPLE SPIKE MEASRD			UNITS	PERCENT		METHOD
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	
1,1-Dichloroethene	ND	50.0	48.0	ug/kg	96		SW846 8260B
		50.0	50.8	ug/kg	102	5.6	SW846 8260B
Benzene	ND	50.0	50.5	ug/kg	101		SW846 8260B
		50.0	52.5	ug/kg	105	3.8	SW846 8260B
Trichloroethene	ND	50.0	42.9	ug/kg	86		SW846 8260B
		50.0	44.2	ug/kg	88	2.8	SW846 8260B
Toluene	ND	50.0	48.9	ug/kg	98		SW846 8260B
		50.0	52.3	ug/kg	105	6.7	SW846 8260B
Chlorobenzene	ND	50.0	46.4	ug/kg	93		SW846 8260B
		50.0	48.6	ug/kg	97	4.5	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	102	(70 - 130)
	102	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	98	(60 - 140)
Toluene-d8	98	(70 - 130)
	97	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR64N1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-019 DR64N1AD-MSD
 Date Sampled...: 01/02/01 13:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1009197
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #...: 1009364 Analysis Time...: 13:41
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

PARAMETER	SAMPLE SPIKE MEASRD			UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	42.1	ug/kg	84		SW846 8260B
	ND	50.0	50.8	ug/kg	102	19	SW846 8260B
Benzene	ND	50.0	45.3	ug/kg	91		SW846 8260B
	ND	50.0	51.7	ug/kg	103	13	SW846 8260B
Trichloroethene	ND	50.0	37.6	ug/kg	75		SW846 8260B
	ND	50.0	43.6	ug/kg	87	15	SW846 8260B
Toluene	ND	50.0	43.3	ug/kg	87		SW846 8260B
	ND	50.0	50.5	ug/kg	101	15	SW846 8260B
Chlorobenzene	ND	50.0	41.8	ug/kg	84		SW846 8260B
	ND	50.0	47.5	ug/kg	95	13	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(70 - 130)
	96	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
	101	(60 - 140)
Toluene-d8	92	(70 - 130)
	95	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6461A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-025 DR6461A2-MSD
 Date Sampled...: 01/02/01 14:40 Date Received...: 01/02/01 17:00 MS Run #.....: 1008182
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008376 Analysis Time...: 16:26
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID...: G16

PARAMETER	SAMPLE SPIKE		MEASRD		PERCENT		
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
TPH (as Gasoline)	ND	5.00	4.70	mg/kg	94		SW846 8015B
	ND	5.00	5.37	mg/kg	107	13	SW846 8015B

SURROGATE	PERCENT		RECOVERY
	RECOVERY		LIMITS
a, a, a-Trifluorotoluene (TFT)	106		(60 - 130)
	112		(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000212

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DR7V11A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030216-016 DR7V11A2-MSD
 Date Sampled...: 01/03/01 13:47 Date Received...: 01/03/01 16:05 MS Run #.....: 1005145
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005337 Analysis Time...: 01:43
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID...: G16

PARAMETER	SAMPLE SPIKE MEASRD			UNITS	PERCENT		METHOD
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	
TPH (as Gasoline)		5.00	4.78	mg/kg	96		SW846 8015B
		5.00	4.96	mg/kg	99	3.8	SW846 8015B
SURROGATE							
	a, a, a-Trifluorotoluene (TFT)						
				PERCENT RECOVERY			RECOVERY LIMITS
				106			(60 - 130)
				107			(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000213

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR70N1AC-MS Matrix.....: WATER
 MS Lot-Sample #: E1A030220-002 DR70N1AD-MSD
 Date Sampled...: 01/03/01 08:30 Date Received...: 01/03/01 17:00 MS Run #.....: 1004152
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1004348 Analysis Time...: 06:45
 Dilution Factor: 1 Analyst ID.....: 004648 Instrument ID...: MSC

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
Benzene	ND	10.0	9.31	ug/L	93		SW846 8260B
	ND	10.0	9.77	ug/L	98	4.8	SW846 8260B
1,1-Dichloroethene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.1	ug/L	111	6.7	SW846 8260B
Chlorobenzene	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.59	ug/L	96	3.1	SW846 8260B
Toluene	ND	10.0	9.04	ug/L	90		SW846 8260B
	ND	10.0	9.27	ug/L	93	2.5	SW846 8260B
Trichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.82	ug/L	98	4.7	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	108	(75 - 120)
	110	(75 - 120)
1,2-Dichloroethane-d4	126	(65 - 130)
	130	(65 - 130)
Toluene-d8	110	(80 - 130)
	113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000214

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 11:22 Date Received...: 01/02/01 16:30

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A020144-005 Prep Batch #...: 1004280							
Mercury	100	(80 - 120)			SW846 7471A	01/04-01/05/01	DR6NE1C9
	100	(80 - 120)	0.0	(0-20)	SW846 7471A	01/04-01/05/01	DR6NE1DA
			Dilution Factor: 1				
			Analysis Time...: 15:41		Instrument ID...: M04	Analyst ID.....: 021088	
			MS Run #.....: 1006017				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000215

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A020144-006 Prep Batch #...: 1004332							
Aluminum	NC	(80 - 120)			SW846 6010B	01/04/01	DR6NH1A8
	NC	(80 - 120)		(0-25)	SW846 6010B	01/04/01	DR6NH1A9
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Arsenic	88	(75 - 115)			SW846 6010B	01/04/01	DR6NH1CA
	85	(75 - 115)	2.5	(0-25)	SW846 6010B	01/04/01	DR6NH1CC
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Antimony	21 N	(75 - 115)			SW846 6010B	01/04/01	DR6NH1CD
	20 N	(75 - 115)	4.2	(0-25)	SW846 6010B	01/04/01	DR6NH1CE
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Barium	94	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CF
	91	(80 - 120)	2.0	(0-25)	SW846 6010B	01/04/01	DR6NH1CG
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Cadmium	95	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CH
	93	(80 - 120)	2.4	(0-25)	SW846 6010B	01/04/01	DR6NH1CJ
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Chromium	100	(85 - 120)			SW846 6010B	01/04/01	DR6NH1CK
	94	(85 - 120)	2.3	(0-25)	SW846 6010B	01/04/01	DR6NH1CL
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Beryllium	96	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CM
	93	(80 - 120)	2.6	(0-25)	SW846 6010B	01/04/01	DR6NH1CN
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							

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000216

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	PERCENT	RECOVERY	RPD		METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD	LIMITS		ANALYSIS DATE	ORDER #
Lead	91	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CP
	89	(80 - 120)	1.8	(0-25)	SW846 6010B	01/04/01	DR6NH1CQ
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Selenium	87	(70 - 115)			SW846 6010B	01/04/01	DR6NH1CR
	85	(70 - 115)	2.8	(0-25)	SW846 6010B	01/04/01	DR6NH1CT
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Silver	91	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CU
	87	(80 - 120)	4.0	(0-25)	SW846 6010B	01/04/01	DR6NH1CV
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Cobalt	96	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CW
	94	(80 - 120)	1.3	(0-25)	SW846 6010B	01/04/01	DR6NH1CX
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Copper	108	(80 - 120)			SW846 6010B	01/04/01	DR6NH1CO
	103	(80 - 120)	2.6	(0-25)	SW846 6010B	01/04/01	DR6NH1C1
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Molybdenum	89	(80 - 120)			SW846 6010B	01/04/01	DR6NH1C2
	87	(80 - 120)	2.6	(0-25)	SW846 6010B	01/04/01	DR6NH1C3
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Nickel	96	(80 - 120)			SW846 6010B	01/04/01	DR6NH1C4
	94	(80 - 120)	1.5	(0-25)	SW846 6010B	01/04/01	DR6NH1C5
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Thallium	94	(75 - 120)			SW846 6010B	01/04/01	DR6NH1C6
	92	(75 - 120)	2.3	(0-25)	SW846 6010B	01/04/01	DR6NH1C7
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							

(Continued on next page)

000217

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 10:50 Date Received...: 01/02/01 16:30

PARAMETER	PERCENT	RECOVERY	RPD		METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD	LIMITS		ANALYSIS DATE	ORDER #
Vanadium	98	(80 - 120)			SW846 6010B	01/04/01	DR6NH1C8
	92	(80 - 120)	2.7	(0-25)	SW846 6010B	01/04/01	DR6NH1C9
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							
Zinc	99	(80 - 120)			SW846 6010B	01/04/01	DR6NH1DA
	94	(80 - 120)	2.2	(0-25)	SW846 6010B	01/04/01	DR6NH1DC
Dilution Factor: 1							
Analysis Time...: 19:20 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004146							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000218

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6N31A2-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A020144-021 DR6N31A3-MSD
 Date Sampled...: 01/02/01 13:06 Date Received...: 01/02/01 16:30 MS Run #.....: 1008114
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008279 Analysis Time...: 23:53
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSG

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	114	(60 - 150)			SW846 8260B
	98	(60 - 150)	15	(0-30)	SW846 8260B
Benzene	113	(70 - 140)			SW846 8260B
	104	(70 - 140)	8.7	(0-30)	SW846 8260B
Trichloroethene	110	(70 - 130)			SW846 8260B
	103	(70 - 130)	6.6	(0-30)	SW846 8260B
Toluene	114	(70 - 130)			SW846 8260B
	107	(70 - 130)	6.7	(0-30)	SW846 8260B
Chlorobenzene	110	(70 - 130)			SW846 8260B
	103	(70 - 130)	7.0	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	108	(70 - 130)
	106	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
	96	(60 - 140)
Toluene-d8	110	(70 - 130)
	107	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A030129-001 Prep Batch #... : 1004287							
Mercury	105	(80 - 120)			SW846 7471A	01/04-01/05/01	DR63Q1A1
	103	(80 - 120)	1.9	(0-20)	SW846 7471A	01/04-01/05/01	DR63Q1A2
			Dilution Factor: 1				
			Analysis Time...: 16:29		Instrument ID...: M04	Analyst ID.....: 021088	
			MS Run #.....: 1004109				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000220

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E1A030129 Work Order #...: DR63Q1A3-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-001 DR63Q1A4-MSD
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1004207
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #...: 1004471 Analysis Time...: 11:15
 Dilution Factor: 1 Analyst ID.....: 356074 Instrument ID...: G01

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Diesel)	74	(60 - 130)			SW846 8015B
	77	(60 - 130)	4.1	(0-35)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Benzo (a) pyrene	88	(60 - 130)
	90	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000221

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR63Q1A5-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-001 DR63Q1A6-MSD
 Date Sampled...: 01/02/01 09:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1005155
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1005353 Analysis Time...: 23:21
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	104	(60 - 150)			SW846 8260B
	106	(60 - 150)	1.5	(0-30)	SW846 8260B
Benzene	85	(70 - 140)			SW846 8260B
	88	(70 - 140)	2.8	(0-30)	SW846 8260B
Trichloroethene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.6	(0-30)	SW846 8260B
Toluene	90	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.1	(0-30)	SW846 8260B
Chlorobenzene	92	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.58	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	101	(70 - 130)
1,2-Dichloroethane-d4	128	(60 - 140)
	133	(60 - 140)
Toluene-d8	102	(70 - 130)
	100	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000222

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A030129-002 Prep Batch #...: 1004345							
Aluminum	NC	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1A1
	NC	(80 - 120)	0.96	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1A2
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Arsenic	90	(75 - 115)			SW846 6010B	01/04-01/05/01	DR63X1A3
	89	(75 - 115)	0.96	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1A4
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Antimony	19 N	(75 - 115)			SW846 6010B	01/04-01/05/01	DR63X1A5
	18 N	(75 - 115)	5.9	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1A6
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Barium	98	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1A7
	120	(80 - 120)	12	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1A8
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Cadmium	97	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1A9
	98	(80 - 120)	1.3	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CA
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Chromium	86	(85 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CC
	93	(85 - 120)	3.1	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CD
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Beryllium	97	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CE
	97	(80 - 120)	0.39	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CF
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							

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000223

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	PERCENT	RECOVERY	RPD		METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD	LIMITS		ANALYSIS DATE	ORDER #
Lead	95	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CG
	93	(80 - 120)	1.4	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CH
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Selenium	89	(70 - 115)			SW846 6010B	01/04-01/05/01	DR63X1CJ
	88	(70 - 115)	1.6	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CK
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Silver	85	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CL
	83	(80 - 120)	2.7	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CM
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Cobalt	100	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CN
	106	(80 - 120)	4.7	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CP
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Copper	87	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CQ
	95	(80 - 120)	4.4	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CR
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Molybdenum	87	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CT
	87	(80 - 120)	0.10	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CU
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Nickel	86	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CV
	110	(80 - 120)	16	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CW
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							
Thallium	96	(75 - 120)			SW846 6010B	01/04-01/05/01	DR63X1CX
	95	(75 - 120)	1.1	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1CO
Dilution Factor: 1							
Analysis Time...: 16:02 Instrument ID...: M01 Analyst ID.....: 003119							
MS Run #.....: 1004149							

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000224

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A030129

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received...: 01/02/01 17:00

PARAMETER	PERCENT	RECOVERY	RPD		METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD	LIMITS		ANALYSIS DATE	ORDER #
Vanadium	87	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1C1
	91	(80 - 120)	2.3	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1C2
Dilution Factor: 1							
Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 1004149							
Zinc	84	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1C3
	87	(80 - 120)	1.6	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1C4
Dilution Factor: 1							
Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119			
MS Run #.....: 1004149							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000225

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6341A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-005 DR6341A2-MSD
 Date Sampled...: 01/02/01 09:35 Date Received...: 01/02/01 17:00 MS Run #.....: 1008064
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008202 Analysis Time...: 14:44
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	95	(60 - 150)			SW846 8260B
	98	(60 - 150)	3.5	(0-30)	SW846 8260B
Benzene	95	(70 - 140)			SW846 8260B
	97	(70 - 140)	2.1	(0-30)	SW846 8260B
Trichloroethene	81	(70 - 130)			SW846 8260B
	86	(70 - 130)	5.7	(0-30)	SW846 8260B
Toluene	93	(70 - 130)			SW846 8260B
	97	(70 - 130)	3.6	(0-30)	SW846 8260B
Chlorobenzene	91	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.0	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	95	(70 - 130)
	95	(70 - 130)
1,2-Dichloroethane-d4	99	(60 - 140)
	98	(60 - 140)
Toluene-d8	93	(70 - 130)
	93	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000226

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR64E1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-012 DR64E1AD-MSD
 Date Sampled...: 01/02/01 12:00 Date Received...: 01/02/01 17:00 MS Run #.....: 1008089
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #...: 1008241 Analysis Time...: 14:22
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
1,1-Dichloroethene	96	(60 - 150)			SW846 8260B
	102	(60 - 150)	5.6	(0-30)	SW846 8260B
Benzene	101	(70 - 140)			SW846 8260B
	105	(70 - 140)	3.8	(0-30)	SW846 8260B
Trichloroethene	86	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.8	(0-30)	SW846 8260B
Toluene	98	(70 - 130)			SW846 8260B
	105	(70 - 130)	6.7	(0-30)	SW846 8260B
Chlorobenzene	93	(70 - 130)			SW846 8260B
	97	(70 - 130)	4.5	(0-30)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	102	(70 - 130)
	102	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	98	(60 - 140)
Toluene-d8	98	(70 - 130)
	97	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR64N1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-019 DR64N1AD-MSD
 Date Sampled...: 01/02/01 13:10 Date Received...: 01/02/01 17:00 MS Run #.....: 1009197
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #...: 1009364 Analysis Time...: 13:41
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSD

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
1,1-Dichloroethene	84	(60 - 150)			SW846 8260B
	102	(60 - 150)	19	(0-30)	SW846 8260B
Benzene	91	(70 - 140)			SW846 8260B
	103	(70 - 140)	13	(0-30)	SW846 8260B
Trichloroethene	75	(70 - 130)			SW846 8260B
	87	(70 - 130)	15	(0-30)	SW846 8260B
Toluene	87	(70 - 130)			SW846 8260B
	101	(70 - 130)	15	(0-30)	SW846 8260B
Chlorobenzene	84	(70 - 130)			SW846 8260B
	95	(70 - 130)	13	(0-30)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(70 - 130)
	96	(70 - 130)
1,2-Dichloroethane-d4	101	(60 - 140)
	101	(60 - 140)
Toluene-d8	92	(70 - 130)
	95	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000228

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DR6461A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030129-025 DR6461A2-MSD
 Date Sampled...: 01/02/01 14:40 Date Received...: 01/02/01 17:00 MS Run #.....: 1008182
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1008376 Analysis Time...: 16:26
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID...: G16

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	94	(80 - 140)			SW846 8015B
	107	(80 - 140)	13	(0-40)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
a, a, a-Trifluorotoluene (TFT)		106		(60 - 130)	
		112		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1A030129 Work Order #...: DR7V11A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030216-016 DR7V11A2-MSD
 Date Sampled...: 01/03/01 13:47 Date Received...: 01/03/01 16:05 MS Run #.....: 1005145
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #...: 1005337 Analysis Time...: 01:43
 Dilution Factor: 1 Analyst ID.....: 001464 Instrument ID...: G16

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	96	(80 - 140)			SW846 8015B
	99	(80 - 140)	3.8	(0-40)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
a, a, a-Trifluorotoluene (TFT)		106		(60 - 130)	
		107		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A030129 Work Order #...: DR70N1AC-MS Matrix.....: WATER
 MS Lot-Sample #: E1A030220-002 DR70N1AD-MSD
 Date Sampled...: 01/03/01 08:30 Date Received...: 01/03/01 17:00 MS Run #.....: 1004152
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #...: 1004348 Analysis Time...: 06:45
 Dilution Factor: 1 Analyst ID.....: 004648 Instrument ID...: MSC

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
Benzene	93	(75 - 120)			SW846 8260B
	98	(75 - 120)	4.8	(0-25)	SW846 8260B
1,1-Dichloroethene	104	(70 - 130)			SW846 8260B
	111	(70 - 130)	6.7	(0-25)	SW846 8260B
Chlorobenzene	93	(80 - 120)			SW846 8260B
	96	(80 - 120)	3.1	(0-25)	SW846 8260B
Toluene	90	(80 - 120)			SW846 8260B
	93	(80 - 120)	2.5	(0-25)	SW846 8260B
Trichloroethene	94	(75 - 130)			SW846 8260B
	98	(75 - 130)	4.7	(0-25)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	108	(75 - 120)
	110	(75 - 120)
1,2-Dichloroethane-d4	126	(65 - 130)
	130	(65 - 130)
Toluene-d8	110	(80 - 130)
	113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

000231